



Alcatel-Lucent 5620

SERVICE AWARE MANAGER | RELEASE 9.0 R6
ALARM REFERENCE

3HE 06862 AAAB TQZZA Edition 01

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Alcatel-Lucent License Agreement

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- 7.2 The foregoing provision limiting the liability of Alcatel-Lucent's employees, agents, officers and directors shall be deemed to be a trust provision, and shall be enforceable by such employees, agents, officers and directors as trust beneficiaries.

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- 8.1 Under no circumstances shall either party be liable to the other for any failure to perform its obligations (other than the payment of any monies owing) where such failure results from causes beyond that party's reasonable control.
- 8.2 This Agreement constitutes the entire agreement between Alcatel-Lucent and Customer and supersedes all prior oral and written communications. All amendments shall be in writing and signed by authorized representatives of both parties.
- 8.3 If any provision of this Agreement is held to be invalid, illegal or unenforceable, it shall be severed and the remaining provisions shall continue in full force and effect.
- 8.4 The Licensed Program may contain freeware or shareware obtained by Alcatel-Lucent from a third party source. No license fee has been paid by Alcatel-Lucent for the inclusion of any such freeware or shareware, and no license fee is charged to Customer for its use. The Customer agrees to be bound by any license agreement for such freeware or shareware. CUSTOMER ACKNOWLEDGES AND AGREES THAT THE THIRD PARTY SOURCE PROVIDES NO WARRANTIES AND SHALL HAVE NO LIABILITY WHATSOEVER IN RESPECT OF CUSTOMER'S POSSESSION AND/OR USE OF THE FREWARE OR SHAREWARE.
- 8.5 Alcatel-Lucent shall have the right, at its own expense and upon reasonable written notice to Customer, to periodically inspect Customer's premises and such documents as it may reasonably require, for the exclusive purpose of verifying Customer's compliance with its obligations under this Agreement.
- 8.6 All notices shall be sent to the parties at the addresses listed above, or to any such address as may be specified from time to time. Notices shall be deemed to have been received five days after deposit with a post office when sent by registered or certified mail, postage prepaid and receipt requested.
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- 8.9 No term or provision of this Agreement shall be deemed waived and no breach excused unless such waiver or consent is in writing and signed by the party claimed to have waived or consented. The waiver by either party of any right hereunder, or of the failure to perform or of a breach by the other party, shall not be deemed to be a waiver of any other right hereunder or of any other breach or failure by such other party, whether of a similar nature or otherwise.
- 8.10 This Agreement shall be governed by and construed in accordance with the laws of the Province of Ontario. The application of the United Nations Convention on Contracts for the International Sale of Goods is hereby expressly excluded.

Preface

The Preface provides general information about the 5620 Service Aware Manager documentation suite, including this guide.

Prerequisites

Readers of the 5620 SAM documentation suite are assumed to be familiar with the following:

- 5620 SAM software structure and components
- 5620 SAM GUI operations and tools
- typical 5620 SAM management tasks and procedures
- device and network management concepts

5620 SAM documentation suite

The 5620 SAM documentation suite describes the 5620 SAM and the associated network management of its supported devices. Contact your Alcatel-Lucent support representative for information about specific network or facility considerations.

Table 1 lists the documents in the 5620 SAM customer documentation suite.

Table 1 5620 SAM customer documentation suite

Guide	Description
5620 SAM core documentation	
<i>5620 SAM Release Description</i>	The <i>5620 SAM Release Description</i> provides information about the new features associated with a 5620 SAM software release.

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Guide	Description
<i>5620 SAM Planning Guide</i>	The <i>5620 SAM Planning Guide</i> provides information about 5620 SAM scalability and recommended hardware configurations.
<i>5620 SAM System Architecture Guide</i>	The <i>5620 SAM System Architecture Guide</i> is intended for technology officers and network planners to increase their knowledge of the 5620 SAM software structure and components. It describes the system structure, software components, and interfaces of the 5620 SAM. In addition, 5620 SAM fault tolerance, security, and network management capabilities are discussed from an architectural perspective.
<i>5620 SAM 5650 CPAM Installation and Upgrade Guide</i>	The <i>5620 SAM 5650 CPAM Installation and Upgrade Guide</i> provides OS considerations, configuration information, and procedures for the following: <ul style="list-style-type: none"> installing, upgrading, and uninstalling 5620 SAM and 5650 CPAM software in standalone and redundant deployments 5620 SAM system migration to a different system conversion from a standalone to a redundant 5620 SAM system
<i>5620 SAM User Guide</i>	The <i>5620 SAM User Guide</i> provides information about using the 5620 SAM to manage the service-aware IP/MPLS network, including GUI basics, commissioning, service configuration, and policy management. The <i>5620 SAM User Guide</i> uses a task-based format. Each chapter contains: <ul style="list-style-type: none"> a workflow that describes the steps for configuring and using the functions detailed procedures that list the configurable parameters on the associated forms 5620 SAM management information specific to LTE network elements is covered in the <i>5620 SAM LTE ePC User Guide</i> and <i>5620 SAM LTE RAN User Guide</i> . 5620 SAM management information specific to 1830 PSS network elements is covered in the <i>5620 SAM Optical User Guide</i> .
<i>5620 SAM Integration Guide</i>	The <i>5620 SAM Integration Guide</i> provides procedures to allow the 5620 SAM to integrate with additional components.
<i>5620 SAM Supervision Module User Guide</i>	The <i>5620 SAM Supervision Module User Guide</i> provides information about how to configure and use the web-based 5620 SAM Supervision Module for fault management and at-a-glance network element monitoring.
<i>5620 SAM Scripts and Templates Developer Guide</i>	The <i>5620 SAM Scripts and Templates Developer Guide</i> provides information that allows you to develop, manage, and execute CLI-based or XML-based scripts or templates. The guide is intended for developers, skilled administrators, and operators who are expected to be familiar with the following: <ul style="list-style-type: none"> CLI scripting, XML, and the Velocity engine basic scripting or programming 5620 SAM functions
<i>5620 SAM Parameter Guide</i>	The <i>5620 SAM Parameter Guide</i> provides: <ul style="list-style-type: none"> parameter descriptions that include value ranges and default values parameter options and option descriptions parameter and option dependencies parameter mappings to the 5620 SAM-O XML equivalent property names There are dynamic links between the procedures in the <i>5620 SAM User Guide</i> and the parameter descriptions in the <i>5620 SAM Parameter Guide</i> . Parameters specific to LTE network elements are covered in the <i>5620 SAM LTE Parameter Reference</i> . Parameters specific to 1830 PSS network elements are covered in the <i>5620 SAM Optical Parameter Reference</i> .
<i>5620 SAM Statistics Management Guide</i>	The <i>5620 SAM Statistics Management Guide</i> provides information about how to configure performance and accounting statistics collection and how to view counters using the 5620 SAM. Network examples are included.

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Guide	Description
<i>5620 SAM Maintenance Guide</i>	The <i>5620 SAM Maintenance Guide</i> provides procedures for: <ul style="list-style-type: none"> generating baseline information for 5620 SAM applications performing daily, weekly, monthly, and as-required maintenance activities for 5620 SAM-managed networks
<i>5620 SAM Troubleshooting Guide</i>	The <i>5620 SAM Troubleshooting Guide</i> provides task-based procedures and user documentation to: <ul style="list-style-type: none"> help resolve issues in the managed and management networks identify the root cause and plan corrective action for: <ul style="list-style-type: none"> alarm conditions on a network object or customer service problems on customer services with no associated alarms list problem scenarios, possible solutions, and tools to help check: <ul style="list-style-type: none"> network management LANs network management platforms and operating systems 5620 SAM client GUIs and client OSS applications 5620 SAM servers 5620 SAM databases
<i>5620 SAM Alarm Reference</i>	The <i>5620 SAM Alarm Reference</i> provides a list of all alarms that the 5620 SAM can raise. The reference is organized by network element type.
<i>5620 SAM Glossary</i>	The <i>5620 SAM Glossary</i> defines terms and acronyms used in all of the 5620 SAM documentation, including 5620 SAM LTE documentation.
<i>5620 SAM Network Element Compatibility Guide</i>	The <i>5620 SAM Network Element Compatibility Guide</i> provides release-specific information about the compatibility of managed device features in 5620 SAM releases.
5620 SAM LTE documentation	
<i>5620 SAM LTE RAN Release Description</i>	The <i>5620 SAM LTE RAN Release Description</i> provides information about the LTE RAN features associated with the release.
<i>5620 SAM LTE ePC User Guide</i>	The <i>5620 SAM LTE ePC User Guide</i> describes how to discover, configure, and manage LTE ePC devices using the 5620 SAM. The guide is intended for LTE ePC network planners, administrators, and operators. Alcatel-Lucent recommends that you review the entire <i>5620 SAM LTE ePC User Guide</i> before you attempt to use the 5620 SAM in your LTE network.
<i>5620 SAM LTE RAN User Guide</i>	The <i>5620 SAM LTE RAN User Guide</i> describes how to discover, configure, and manage the Evolved NodeB, or eNodeB, using the 5620 SAM. The guide is intended for LTE RAN network planners, administrators, and operators. Alcatel-Lucent recommends that you review the entire <i>5620 SAM LTE RAN User Guide</i> before you attempt to use the 5620 SAM in your LTE network.
<i>5620 SAM LTE Parameter Reference</i>	The <i>5620 SAM LTE Parameter Reference</i> provides a list of all LTE ePC and LTE RAN parameters supported in the 5620 SAM.
5620 SAM-O documentation	
<i>5620 SAM XML OSS Interface Developer Guide</i>	The <i>5620 SAM XML OSS Interface Developer Guide</i> provides information that allows you to: <ul style="list-style-type: none"> use the 5620 SAM XML OSS interface to access network management information learn about the information model associated with the managed network develop OSS applications using the packaged methods, classes, data types, and objects necessary to manage 5620 SAM functions
<i>5620 SAM 3GPP OSS Interface Developer Guide</i>	The <i>5620 SAM 3GPP OSS Interface Developer Guide</i> describes the components and architecture of the 3GPP OSS interface to the 5620 SAM. It includes procedures and samples to assist OSS application developers to use the 3GPP interface to manage LTE devices.

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Guide	Description
<i>5620 SAM 3GPP OSS Interface Compliance Statements</i>	The <i>5620 SAM 3GPP OSS Interface Compliance Statements</i> document describes the compliance of the 5620 SAM 3GPP OSS interface with the 3GPP standard.
5620 SAM optical documentation	
<i>5620 SAM Optical User Guide</i>	The <i>5620 SAM Optical User Guide</i> describes how to discover, configure, and manage optical devices using the 5620 SAM. The guide is intended for optical network planners, administrators, and operators. Alcatel-Lucent recommends that you review the entire <i>5620 SAM Optical User Guide</i> before you attempt to use the 5620 SAM in your network.
<i>5620 SAM Optical Parameter Reference</i>	The <i>5620 SAM Optical Parameter Reference</i> provides a list of all optical device parameters supported in the 5620 SAM.

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Obtaining customer documentation

You can obtain 5620 SAM customer documentation:

- from the product
- on the web

On-product documentation

The 5620 SAM on-product customer documentation is delivered in HTML and PDF. Choose Help→User Documentation from the 5620 SAM client GUI to open the help system in a web browser.

The help system opens to the User Documentation Index, which provides a summary of and links to all 5620 SAM customer documents.

Click on the Using the help system tab on the User Documentation Index page to find usage tips for navigating and searching within the on-product customer documentation.

You can return to the User Documentation Index at any time by clicking on the Home icon, shown in Figure 1.

Figure 1 Home icon



Documentation on the web

The 5620 SAM customer documentation is available for download in PDF format from the Alcatel-Lucent Customer Support Center: <http://www.alcatel-lucent.com/myaccess>. If you are a new user and require access to this service, please contact your Alcatel-Lucent support representative.

In addition to the guides listed in Table 1, Release Notices and other documents not delivered on-product are posted to this site.

Working with PDFs

You can download PDFs of individual guides from the Alcatel-Lucent Customer Support Center, or you can choose to download a zip of all PDFs for a particular release.

You can use the Search function of Acrobat Reader (File→Search) to find a term in a PDF of any 5620 SAM document. To refine your search, use appropriate search options (for example, search for whole words only or enable case-sensitive searching). You can also search for a term in multiple PDFs at once, provided that they are located in the same directory. For more information, see the Help for Acrobat Reader.

Cross-book hotlinks, for example, from a parameter name in the *5620 SAM User Guide* to a description of that parameter in the *5620 SAM Parameter Guide*, work only if both PDF files are in the same directory.



Note — Users of Mozilla browsers may receive an error message when opening the PDF files in the 5620 SAM documentation suite. The offline storage and default cache values used by the browsers are the cause of the error message.

Alcatel-Lucent recommends changing the Mozilla Firefox offline storage or Mozilla 1.7 cache value to 100 Mbytes to eliminate the error message.

Documentation conventions

Table 2 lists the conventions that are used throughout the documentation.

Table 2 Documentation conventions

Convention	Description	Example
Key name	Press a keyboard key	Delete
Italics	Identifies a variable	<i>hostname</i>
Key+Key	Type the appropriate consecutive keystroke sequence	CTRL+G
Key-Key	Type the appropriate simultaneous keystroke sequence	CTRL-G
*	An asterisk is a wildcard character, which means “any character” in a search argument.	log_file*.txt
↵	Press the Return key	↵
—	An em dash indicates there is no information.	—
→	Indicates that a cascading submenu results from selecting a menu item	Policies→Alarm Policies

Procedures with options or substeps

When there are options in a procedure, they are identified by letters. When there are substeps in a procedure, they are identified by Roman numerals.

Example of options in a procedure

At step 1, you can choose option a or b. At step 2, you must do what the step indicates.

- 1 This step offers two options. You must choose one of the following.
 - a This is one option.
 - b This is another option.
- 2 You must perform this step.

Example of substeps in a procedure

At step 1, you must perform a series of substeps within a step. At step 2, you must do what the step indicates.

- 1 This step has a series of substeps that you must perform to complete the step. You must perform the following substeps.
 - i This is the first substep.
 - ii This is the second substep.
 - iii This is the third substep.
- 2 You must perform this step.

Measurement conventions

Measurements in this document are expressed in metric units and follow the *Système international d'unités* (SI) standard for abbreviation of metric units. If imperial measurements are included, they appear in brackets following the metric unit.

Table 3 lists the measurement symbols used in this document.

Table 3 Bits and bytes conventions

Measurement	Symbol
bit	b
byte	byte
kilobits per second	kb/s

Important information

The following conventions are used to indicate important information:



Warning — Warning indicates that the described activity or situation may, or will, cause equipment damage or serious performance problems.



Caution — Caution indicates that the described activity or situation may, or will, cause service interruption.



Note — Notes provide information that is, or may be, of special interest.

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1 — 5620 SAM alarm information

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1.1 5620 SAM Alarm Reference overview

The *5620 SAM Alarm Reference* lists and describes each alarm that the 5620 SAM can raise. The alarms are organized in chapters by device type. An alarm that applies to multiple devices has multiple entries in this guide; each entry for such an alarm varies only by the supported release information, which depends on the device type.

See the *5620 SAM Troubleshooting Guide* for information about using alarms to troubleshoot the managed network. See the *5620 SAM User Guide* for information about alarm support, policies, and management using the 5620 SAM.

Table 1-1 contains a sample alarm entry.

Table 1-1 Sample alarm entry—EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

The table title for an alarm entry is the alarm name. When the same alarm name is found in multiple packages, the table title includes the package name in parentheses. Each alarm entry contains the following information:

- Name—the alarm name, and the alarm name ID in parentheses
- Type—the alarm type, and the type ID in parentheses
- Package—the containing package of the alarm, which maps to a package in the *5620 SAM-O XML Reference*
- Raised on class—the package and object class in *package.class* format
- Severity—the alarm severity level
- Implicitly cleared—whether the alarm automatically clears when the clearing alarm condition is true
- Default probable cause—the typical probable cause of the alarm, and the probable cause ID in parentheses
- Supported releases—the device releases against which the alarm can be raised; the releases are specific to the device named in the chapter title
- Description—the alarm description
- Raising condition—a logical statement that describes the internal 5620 SAM parameter values that trigger the raising of the alarm
- Clearing condition—a logical statement that describes the internal 5620 SAM parameter values that trigger the clearing of the alarm

1.2 NE-specific alarm information

This section describes additional alarm support information for specific NEs.

Unspecified NE alarms

Unspecified NE alarms are alarms that are not yet directly associated with one or more NE types.



Note — Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. For NE-specific information about an unspecified NE alarm, contact Alcatel-Lucent technical support.

5620 SAM platform alarms

5620 SAM platform alarms are alarms that the 5620 SAM raises in response to a condition in the 5620 SAM system that is not associated with an NE, for example, a database fault or the crossing of a disk-capacity threshold.

9471 MME alarms

The 9471 MME is based on a platform that supports many different applications. Some of the alarms that are described in this document apply to platform functions that the 9471 MME does not utilize. Therefore, the 5620 SAM does not raise some of the 9471 MME alarms listed in this document.

In the 5620 SAM, each 9471 MME alarm name is prefixed with “Mme”. The equivalent 9471 MME alarm name does not include this prefix. For example, the 9471 MME alarm ATCA_AggregatePowerSensor is raised by the 5620 SAM as MmeATCA_AggregatePowerSensor.



Note — 9471 MME alarms are provided in this document as a courtesy to assist in alarm identification and mapping. The *Alcatel-Lucent 9471 Mobility Management Entity (MME) | Release LMx.x Alarm Dictionary 418-111-208* is the primary source for 9471 MME alarm information.

eNodeB alarms

The eNodeB supports the following notification types, each of which the 5620 SAM treats as an alarm:

- Alarm—a fault notification that is assigned one of the standard severities
- Event—a state-change notification or warning that has a severity of “notApplicable” and provides information about NE and network events

Each alarm that originates from an eNodeB is prefixed with an InfoKey, or IK value. The severity level of an eNodeB InfoKey alarm is dynamic and can differ from the default severity as described in this document. An alarm that the 5620 SAM raises in response to network conditions that involve an eNodeB is named using the standard format and does not have a dynamic severity.

The following additional information is listed for each eNodeB alarm:

- Impact—the general effect of the alarm on network and LTE service operation
- Remedial action—an example course of action that may resolve the fault

See the *Alcatel-Lucent 9412 eNodeB | Release LAx.x Alarms and Events Reference Guide 418-000-034* for more information about eNodeB alarms and events.

1.3 Alarm information in other formats

The alarm information in this document is also available in CSV and XML formats. You can use the `alarmDetails.csv` and `alarmDetails.xml` alarm reference files to tailor the alarm information to your requirements. For example, you can compare the files to determine what alarm information changes between 5620 SAM releases. Contact your Alcatel-Lucent support representative for more information.

1.4 OSS alarm monitoring

See the *5620 SAM XML OSS Interface Developer Guide* for information about managing alarms using a 5620 SAM OSS client.

2 — 5620 SAM platform alarms



Note — Some of the 5620 SAM platform may not be listed in this chapter. Associating alarms with the 5620 SAM platform is an ongoing Alcatel-Lucent effort. Some alarms that are described in chapter 32 may apply to the 5620 SAM platform.

Table 2-1 ActivationSessionActiveTooLong

Alarm	Attributes	Supported releases
Name: ActivationSessionActiveTooLong (1153) Type: configurationAlarm (11) Package: activation Raised on class: activation.Session	Severity: warning Implicitly cleared: true Default probable cause: activationSessionOpen (857)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when an activation session has been active for 24 hours.		

Table 2-2 ActivitySwitch

Alarm	Attributes	Supported releases
Name: ActivitySwitch (182) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: systemFailed (144)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a 5620 SAM main server activity switch occurs.		

Table 2-3 AllArchiveLogsDeleted

Alarm	Attributes	Supported releases
Name: AllArchiveLogsDeleted (199) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: false Default probable cause: archivedLogsIssue (154)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM deletes all database archive logs because it requires more disk space. When database disk space is low, the 5620 SAM first deletes the archive logs that have been applied to the standby database and raises the OldArchiveLogsDeleted alarm. If deleting the applied archive logs does not free up sufficient disk space, the 5620 SAM deletes the remaining archive logs, which creates an archive log gap that requires a standby database instantiation to correct. The alarm is raised only in a redundant 5620 SAM system.		

Table 2-4 ArchiveLogDiskSpaceBelowThreshold

Alarm	Attributes	Supported releases
Name: ArchiveLogDiskSpaceBelowThreshold (197) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the primary or standalone database archived log disk space threshold specified in the nms-server.xml file is reached.		

Table 2-5 ArchiveLogDiskSpaceSizeMismatch

Alarm	Attributes	Supported releases
Name: ArchiveLogDiskSpaceSizeMismatch (2935) Type: diskSpaceIssue (99) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: false Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the primary and standby database archived log directory sizes do not match.		

Table 2-6 ARCIInhibit

Alarm	Attributes	Supported releases
Name: ARCIInhibit (2886) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: true Default probable cause: ArcInd (1098)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised due to indefinite inhibition mode of alarm report control.		

Table 2-7 AsymmetricalConfig (bundle)

Alarm	Attributes	Supported releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: bundle Raised on class: bundle.MultiChassisApsInterface	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the bundles in an APS group do not have matching configurations.		
Raising condition: ('Asymmetrical Config Detected' EQUAL 'true')		
Clearing condition: ('Asymmetrical Config Detected' EQUAL 'false')		

Table 2-8 AsymmetricalConfig (lag)

Alarm	Attributes	Supported releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: lag Raised on classes: <ul style="list-style-type: none"> lag.MultiChassisLag lag.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the members of an MC LAG do not have matching configurations.		
Raising condition: ('configMismatches' NOT EQUAL '0L')		
Clearing condition: ('configMismatches' EQUAL '0L')		

Table 2-9 AsymmetricalConfig (multichassis)

Alarm	Attributes	Supported releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisPeer multichassis.MultiChassisLagMember multichassis.MultiChassisLag 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		
Raising condition: ('Asymmetrical Configuration Detected' EQUAL 'true')		
Clearing condition: ('Asymmetrical Configuration Detected' EQUAL 'false')		

Table 2-10 AuthenticationFailure

Alarm	Attributes	Supported releases
Name: AuthenticationFailure (128) Type: communicationsAlarm (4) Package: security Raised on class: security.TSecurityManager	Severity: warning Implicitly cleared: true Default probable cause: multipleSecurityViolations (336)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a configurable number of attempts to log in to a 5620 SAM client fail. The alarm information includes the user name. The 5620 SAM deletes the alarm when the user account is deleted.		

Table 2-11 AuthorizationFailure

Alarm	Attributes	Supported releases
Name: AuthorizationFailure (529) Type: communicationsAlarm (4) Package: security Raised on class: security.TSecurityManager	Severity: warning Implicitly cleared: false Default probable cause: multipleSecurityViolations (336)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a configurable number of attempts to delete or modify an object that is not in the current user span of control fail.		

Table 2-12 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 2-13 BackupDiskSpaceBelowThreshold

Alarm	Attributes	Supported releases
Name: BackupDiskSpaceBelowThreshold (195) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the primary or standalone database backup disk space threshold specified in the nms-server.xml file is reached.		

Table 2-14 BfdSessionMissing (rtr)

Alarm	Attributes	Supported releases
Name: BfdSessionMissing (438) Type: bfdSessionAlarm (46) Package: rtr Raised on class: rtr.NetworkInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionMissing (345)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a previously present BFD session is absent.		

Table 2-15 BfdSessionMissing (service)

Alarm	Attributes	Supported releases
Name: BfdSessionMissing (438) Type: bfdSessionAlarm (46) Package: service Raised on class: service.L3AccessInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionMissing (345)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a previously present BFD session is absent.		

Table 2-16 BfdSessionMissing (vprn)

Alarm	Attributes	Supported releases
Name: BfdSessionMissing (438) Type: bfdSessionAlarm (46) Package: vprn Raised on class: vprn.NetworkInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionMissing (345)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a previously present BFD session is absent.		

Table 2-17 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 2-18 BootConfigFailScriptNotAccesible

Alarm	Attributes	Supported releases
Name: BootConfigFailScriptNotAccesible (543) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: bootConfigFailScriptNotAccesible (416)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a CLI script that runs after NE configuration file execution failure is inaccessible.		

Table 2-19 BootConfigOKScriptNotAccesible

Alarm	Attributes	Supported releases
Name: BootConfigOKScriptNotAccesible (544) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: bootConfigOKScriptNotAccesible (417)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a CLI script that runs after NE configuration file execution success is inaccessible.		

Table 2-20 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none">persistentIndexFailureconfigFileBootFailure	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 2-21 CliCommandFailure

Alarm	Attributes	Supported releases
Name: CliCommandFailure (402) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: cliCommandFailure (300)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a CLI command on an NE fails.		

Table 2-22 CliConnectionProblem

Alarm	Attributes	Supported releases
Name: CliConnectionProblem (299) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: cliConnectionProblem (230)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM fails to open a CLI session on an NE because the number of open CLI sessions on the NE is at the maximum.		

Table 2-23 ClientDelegateServerMaxUIExceeded

Alarm	Attributes	Supported releases
Name: ClientDelegateServerMaxUIExceeded (730) Type: resourceAlarm (28) Package: server Raised on class: server.ClientDelegateServer	Severity: warning Implicitly cleared: true Default probable cause: clientDelegateServerMaxUIExceeded (508)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the total number of client GUI sessions on a client delegate server reaches or exceeds the configured maximum value.		

Table 2-24 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 2-25 CliLoginFailed

Alarm	Attributes	Supported releases
Name: CliLoginFailed (298) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: cliLoginFailed (229)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a CLI login attempt fails because of an incorrect user name or password.		

Table 2-26 CommunityMisconfiguration

Alarm	Attributes	Supported releases
Name: CommunityMisconfiguration (442) Type: serviceAlarm (16) Package: vprn Raised on class: vprn.Site	Severity: major Implicitly cleared: true Default probable cause: CommunityMisconfiguration (347)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects a community misconfiguration on a service site.		

Table 2-27 CorporateAndSecuredCompositeServicesAreNotConnected

Alarm	Attributes	Supported releases
Name: CorporateAndSecuredCompositeServicesAreNotConnected (828) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecSecuredVpn	Severity: warning Implicitly cleared: false Default probable cause: CompositeServiceMisconfiguration (591)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the corporate and secured services used by an IPsec VPN do not have a connector between them.		
Raising condition: ('corporateToSecureServiceConnector' EQUAL 'Not Connected')		
Clearing condition: (('corporateToSecureServiceConnector' EQUAL 'Connected') OR ('corporateToSecureServiceConnector' EQUAL 'None'))		

Table 2-28 CorporateAndSecuredCompositeServicesMismatch

Alarm	Attributes	Supported releases
Name: CorporateAndSecuredCompositeServicesMismatch (829) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecSecuredVpn	Severity: warning Implicitly cleared: false Default probable cause: CompositeServiceMisconfiguration (591)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the corporate and secured services used by an IPsec VPN are in different composite services.		

Table 2-29 CorruptedUdpPacket

Alarm	Attributes	Supported releases
Name: CorruptedUdpPacket (1921) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: corruptedPacket (921)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the an UDP packet is corrupted for an application.		

Table 2-30 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 2-31 CpuUtilizationExceeded

Alarm	Attributes	Supported releases
Name: CpuUtilizationExceeded (358) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 7250 SAS CPU utilization exceeds the configured threshold and the NE sends the BATM-SYS-MON-MIB.cpuUtilizationExceeded trap.		

Table 2-32 DatabaseArchivedLogNotApplied

Alarm	Attributes	Supported releases
Name: DatabaseArchivedLogNotApplied (205) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: true Default probable cause: databaseArchivedLogNotApplied (159)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when, during a database backup, the 5620 SAM determines that the archive logs are not being applied to the standby database, as indicated by the archive log gap. The archive log gap threshold is defined in the nms-server.xml file. The alarm is raised only in a redundant 5620 SAM system.		

Table 2-33 DatabaseBackupFailed

Alarm	Attributes	Supported releases
Name: DatabaseBackupFailed (136) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: false Default probable cause: databaseBackupFailure (109)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the database backup files cannot be created because of, for example, a lack of disk space or insufficient file permissions.		

Table 2-34 DatabaseBackupInvalidConfig

Alarm	Attributes	Supported releases
Name: DatabaseBackupInvalidConfig (1117) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: InvaliddbBackupConfiguration (829)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the scheduled backup destination is empty.		

Table 2-35 DatabaseBackupRsyncFailed

Alarm	Attributes	Supported releases
Name: DatabaseBackupRsyncFailed (749) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: false Default probable cause: databaseBackupFileRsyncFailed (525)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when one or more database backup files cannot be copied to the standby database station.		

Table 2-36 DatabaseFileTransportFailure

Alarm	Attributes	Supported releases
Name: DatabaseFileTransportFailure (2887) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: DbFt (1099)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a database file transport operation fails.		

Table 2-37 DatabaseLocalCopyCreationfail

Alarm	Attributes	Supported releases
Name: DatabaseLocalCopyCreationfail (2888) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: DbFl (1100)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the creation of a local database copy fails.		

Table 2-38 DatabaseRedundancyArchiveGap

Alarm	Attributes	Supported releases
Name: DatabaseRedundancyArchiveGap (611) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: DatabaseRedundancyArchiveGap (454)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the primary 5620 SAM main server detects an archive log gap. An archive log gap occurs when a number of archive logs cannot be applied to the standby database. The alarm may indicate that the primary database is out of archive log disk space, the standby database has been down for too long, or the standby database is not able to process the archive logs at the rate that the primary database sends them. The alarm clears after a standby database reinstantiation, which corrects the archive log gap. The alarm is raised only in a redundant 5620 SAM system.		

Table 2-39 DatabaseRedundancyFailure

Alarm	Attributes	Supported releases
Name: DatabaseRedundancyFailure (246) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: DatabaseRedundancyFailure (184)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects a standby database problem, for example, the database is down or not in managed recovery mode. The alarm clears when the standby database is functional. The alarm is raised only in a redundant 5620 SAM system.		

Table 2-40 DatabaseRedundancyOutOfSync

Alarm	Attributes	Supported releases
Name: DatabaseRedundancyOutOfSync (302) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: true Default probable cause: DatabaseRedundancyOutOfSync (233)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the primary 5620 SAM server polls the primary and standby databases and detects a difference in the primary and standby database archive log sequence numbers that is greater than one. The alarm may indicate that the primary database is not sending archive logs to the standby quickly enough, or that the standby database is not able to process the archive logs at the rate that the primary sends them. The alarm is raised only in a redundant 5620 SAM system.		

Table 2-41 DatabaseRedundancyRealTimeApplyFailure

Alarm	Attributes	Supported releases
Name: DatabaseRedundancyRealTimeApplyFailure (296) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: true Default probable cause: DatabaseRedundancyRealTimeApplyFailure (227)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when database redundancy falls out of real-time apply transfer mode, which means that the primary database transactions are not immediately replicated to the standby database. The alarm clears when the database is operating in real-time apply mode.		

Table 2-42 DatabaseSyncFailed

Alarm	Attributes	Supported releases
Name: DatabaseSyncFailed (2889) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: DBMemtrf (1101)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when database synchronization fails.		

Table 2-43 DataFileDiskSpaceBelowThreshold

Alarm	Attributes	Supported releases
Name: DataFileDiskSpaceBelowThreshold (196) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: true Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the primary or standalone database data file disk space threshold specified in the nms-server.xml file is reached.		

Table 2-44 DatafileSizeAboveThreshold

Alarm	Attributes	Supported releases
Name: DatafileSizeAboveThreshold (750) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: HighNumberOfRecords (526)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a tablespace data file size exceeds 85 percent of 32 Gbytes. This may indicate that the number of stored NE backups is too high.		

Table 2-45 DataLossAlarm (equipment)

Alarm	Attributes	Supported releases
Name: DataLossAlarm (148) Type: storageAlarm (25) Package: equipment Raised on class: equipment.FlashMemory	Severity: major Implicitly cleared: true Default probable cause: dataLoss (122)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a device detects an error while writing to a compact flash unit.		

Table 2-46 DataLossAlarm (sw)

Alarm	Attributes	Supported releases
Name: DataLossAlarm (148) Type: storageAlarm (25) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: dataLoss (122)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM receives the tmnxLogAccountingDataLoss trap, which is sent when a statistics collection interval ends while an NE is writing data to an accounting file. The statistics collection for the interval stops immediately, and collection for the next interval begins. The accounting statistics file for the interrupted collection contains an incomplete data set as a result.		

Table 2-47 DBFailOver

Alarm	Attributes	Supported releases
Name: DBFailOver (201) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: true Default probable cause: databasePrimaryDown (155)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a database failover occurs. A standby database reinstantiation is required. The alarm clears when the standby database is online.		

Table 2-48 DbnotSyncd

Alarm	Attributes	Supported releases
Name: DbnotSyncd (2890) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: DbUnSync (1102)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised due to active and standby main EC databases are not sync.		

Table 2-49 DefaultInstanceInconsistency

Alarm	Attributes	Supported releases
Name: DefaultInstanceInconsistency (211) Type: ConfigurationAlarm (15) Package: policy Raised on class: policy.Manager	Severity: warning Implicitly cleared: true Default probable cause: multipleDefaultInstancesEncountered (54)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when an accounting policy is the default for more then one service type or more then one network type.		
Raising condition: ('defaultInstanceInconsistency' EQUAL 'true')		
Clearing condition: ('defaultInstanceInconsistency' EQUAL 'false')		

Table 2-50 DeployerObjectsLimitExceeded

Alarm	Attributes	Supported releases
Name: DeployerObjectsLimitExceeded (3314) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: major Implicitly cleared: false Default probable cause: tooManyDeployerObjects (1153)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the number of deployer objects or attributes exceeds the SAM system limit.		

Table 2-51 DeploymentFailure

Alarm	Attributes	Supported releases
Name: DeploymentFailure (13) Type: deploymentFailure (5) Package: generic Raised on class: generic.GenericObject	Severity: minor Implicitly cleared: true Default probable cause: failedToModifyNetworkResource (11)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM is unable to create, modify, or delete a network object because of NE unreachability or a failed SNMP set operation. The alarm information includes the deployment ID, the requesting user ID, and the deployment type.		

Table 2-52 DeployProfileFailed

Alarm	Attributes	Supported releases
Name: DeployProfileFailed (610) Type: configurationAlarm (11) Package: autoconfig Raised on class: autoconfig.AutoProvisioning	Severity: major Implicitly cleared: false Default probable cause: DeployProfileFailed (453)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the deployment of a script to a 7705 SAR fails.		

Table 2-53 DetectedPreProvisionedCandidateNodeHasConfig

Alarm	Attributes	Supported releases
Name: DetectedPreProvisionedCandidateNodeHasConfig (1960) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: critical Implicitly cleared: false Default probable cause: detectedPreProvisionedCandidateNodeHasConfig (947)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the candidate node detected for pre-provisioning already has configuration in it. This configuration in the detected node will get replaced with the configuration in the matching pre-provisioned node in SAM during the configuration deployment stage of self-config.		

Table 2-54 DiscoveredPhysicalLinkMismatch

Alarm	Attributes	Supported releases
Name: DiscoveredPhysicalLinkMismatch (657) Type: configurationAlarm (11) Package: netw Raised on class: netw.AbstractPhysicalLink	Severity: warning Implicitly cleared: true Default probable cause: endPointUsedByNumerousLinks (488)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when one endpoint of a physical link is used as an endpoint in another physical link.		
Raising condition: ('physicalLinkMismatchConfigured' EQUAL 'true')		
Clearing condition: ('physicalLinkMismatchConfigured' EQUAL 'false')		

Table 2-55 DiskSpaceBelowThreshold

Alarm	Attributes	Supported releases
Name: DiskSpaceBelowThreshold (1934) Type: serverAlarm (94) Package: server Raised on class: server.SamServer	Severity: variable Implicitly cleared: false Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the disk space threshold is reached.		

Table 2-56 DroppedUdpPackets

Alarm	Attributes	Supported releases
Name: DroppedUdpPackets (1935) Type: communicationsAlarm (4) Package: server Raised on class: server.SamServer	Severity: variable Implicitly cleared: false Default probable cause: tooManyUdpPacketsBuffered (926)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the number of UDP Packets that await processing by the 5620 SAM surpasses.		

Table 2-57 DualEndedLossNotSupported

Alarm	Attributes	Supported releases
Name: DualEndedLossNotSupported (1194) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.MaintAssociation	Severity: warning Implicitly cleared: true Default probable cause: dualEndedLossNotSupported (895)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when at least one MEP that does not support Y1731 Dual Ended Loss test is participating in a CFM Continuity Check test that has Y1731 Dual Ended Loss test enabled.		

Table 2-58 DuplicatePhysicalLinks

Alarm	Attributes	Supported releases
Name: DuplicatePhysicalLinks (658) Type: configurationAlarm (11) Package: netw Raised on class: netw.AbstractPhysicalLink	Severity: minor Implicitly cleared: true Default probable cause: duplicatePhysicalLinkConfigured (489)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when there is more then one physical link configured between two endpoints.		
Raising condition: ('duplicateLinkConfigured' EQUAL 'true')		
Clearing condition: ('duplicateLinkConfigured' EQUAL 'false')		

Table 2-59 DuplicateRouterIdProblem

Alarm	Attributes	Supported releases
Name: DuplicateRouterIdProblem (411) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: duplicateRouterId (168)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects that the same address is being used by multiple NEs. To prevent 5620 SAM database corruption, the 5620 SAM does not discover the NE with the duplicate address.		

Table 2-60 DuplicateVrfPolicy

Alarm	Attributes	Supported releases
Name: DuplicateVrfPolicy (229) Type: configurationAlarm (11) Package: l3fwd Raised on classes: <ul style="list-style-type: none"> l3fwd.ServiceSiteImportPolicy l3fwd.ServiceSiteExportPolicy 	Severity: warning Implicitly cleared: true Default probable cause: duplicateVrfPolicyExists (177)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects a duplicate VRF policy in a VPRN. The alarm information includes the VRF policy ID and type, and information about the service site.		

Table 2-61 DuplicateVrfTarget

Alarm	Attributes	Supported releases
Name: DuplicateVrfTarget (230) Type: configurationAlarm (11) Package: l3fwd Raised on class: l3fwd.ServiceSite	Severity: warning Implicitly cleared: true Default probable cause: duplicateVrfTargetExists (178)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects a duplicate VRF target in a VPRN. The alarm information includes the VRF policy ID and type, and information about the service site.		

Table 2-62 EMSystemUnreachable

Alarm	Attributes	Supported releases
Name: EMSystemUnreachable (2947) Type: communicationsAlarm (4) Package: hip Raised on class: hip.EMSystem	Severity: major Implicitly cleared: true Default probable cause: connectionEstablishmentError (1136) Applicable probable causes: <ul style="list-style-type: none"> • connectionEstablishmentError • transmissionError • fireDetected • lossOfRedundancy • protectionMechanismFailure • protectingResourceFailure • excessiveResponseTime • excessiveRetransmissionRate 	<ul style="list-style-type: none"> • 9.0 R5
Description: The alarm is raised when the 5620 SAM detects a HIP communication link failure to the EM System while the EM System is administratively up. The alarm clears when the HIP link returns to service or the EM System is no longer administratively up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Network Connection Status' NOT EQUAL 'Up'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Up') OR ('Network Connection Status' EQUAL 'Up'))		

Table 2-63 EventsThrottled

Alarm	Attributes	Supported releases
Name: EventsThrottled (356) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: snmpDaemonOverloaded (141)	<ul style="list-style-type: none"> • 9.0 R5
Description: The alarm is raised when an NE throttles events because the event rate exceeds the configured maximum.		

Table 2-64 FailureToSwitchManagementProtocol

Alarm	Attributes	Supported releases
Name: FailureToSwitchManagementProtocol (1076) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: major Implicitly cleared: false Default probable cause: managementAddressInvalid (812)	<ul style="list-style-type: none"> • 9.0 R5
Description: The alarm is raised when the 5620 SAM cannot switch the management address of an NE from one IP version to another.		

Table 2-65 ForceQTagForwardingMisconfiguration (epipe)

Alarm	Attributes	Supported releases
Name: ForceQTagForwardingMisconfiguration (813) Type: configurationAlarm (11) Package: epipe Raised on class: epipe.Epipe	Severity: warning Implicitly cleared: true Default probable cause: forceQTagForwardingInconsistent (576)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when two I-sites in a service use different Force Q Tag Forwarding values.		
Raising condition: ('operationalFlags'anyBit'Force Q Tag Forwarding Inconsistent')		
Clearing condition: NOT (('operationalFlags'anyBit'Force Q Tag Forwarding Inconsistent'))		

Table 2-66 ForceQTagForwardingMisconfiguration (vpls)

Alarm	Attributes	Supported releases
Name: ForceQTagForwardingMisconfiguration (813) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.AbstractVpls	Severity: warning Implicitly cleared: true Default probable cause: forceQTagForwardingInconsistent (576)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when two I-sites in a service use different Force Q Tag Forwarding values.		
Raising condition: ('operationalFlags'anyBit'Force Q Tag Forwarding Inconsistent')		
Clearing condition: NOT (('operationalFlags'anyBit'Force Q Tag Forwarding Inconsistent'))		

Table 2-67 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 2-68 FrameSizeProblem (service)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: service Raised on class: service.Service	Severity: warning Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: ('mtuInconsistent' EQUAL 'true')		
Clearing condition: ('mtuInconsistent' EQUAL 'false')		

Table 2-69 FrameSizeProblem (svt)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		

Table 2-70 FtpClientFailure

Alarm	Attributes	Supported releases
Name: FtpClientFailure (357) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: ftpClientFailure (257)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when an NE sends notification that an FTP operation initiated by the FTP client fails because of file unavailability, interruption during the file transfer, or a lack of available storage space.		

Table 2-71 GenericInterfaceLinkDown

Alarm	Attributes	Supported releases
Name: GenericInterfaceLinkDown (403) Type: equipmentAlarm (3) Package: genericne Raised on class: genericne.GenericNeInterface	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects a communication link failure on a GNE interface. The alarm clears when the link returns to service.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 2-72 GlobalAppProfileCreated

Alarm	Attributes	Supported releases
Name: GlobalAppProfileCreated (2931) Type: ConfigurationAlarm (15) Package: aapolicy Raised on class: aapolicy.ApplicationProfile	Severity: warning Implicitly cleared: true Default probable cause: globalAppProfileMissing (1125)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a global application profile that a global transit ip policy is referenced to does not exist. It notifies the user that a global application profile has been created.		

Table 2-73 HostnameMismatch

Alarm	Attributes	Supported releases
Name: HostnameMismatch (732) Type: configurationAlarm (11) Package: server Raised on class: server.SamServer	Severity: critical Implicitly cleared: false Default probable cause: hostnameMismatch (509)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when an auxiliary or standby server host name in a 5620 SAM main server configuration does not match the host name of the auxliary or standby server /etc/hosts file.		

Table 2-74 InBandManagementConnectionDown

Alarm	Attributes	Supported releases
Name: InBandManagementConnectionDown (139) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: critical Implicitly cleared: true Default probable cause: managementConnectionDown (111)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM cannot reach a managed NE using the ping function over an in-band connection.		

Table 2-75 IncompleteConfig (bundle)

Alarm	Attributes	Supported releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: bundle Raised on class: bundle.MultiChassisApsInterface	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when there are not exactly two APS bundles in an APS group.		
Raising condition: (('Number of members' NOT EQUAL '2'))		
Clearing condition: (('Number of members' EQUAL '2'))		

Table 2-76 IncompleteConfig (lag)

Alarm	Attributes	Supported releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: lag Raised on class: lag.MultiChassisLag	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when an MC LAG has fewer than two members.		
Raising condition: ('numberOfMembers' NOT EQUAL '2')		
Clearing condition: ('numberOfMembers' EQUAL '2')		

Table 2-77 IncompleteConfig (multichassis)

Alarm	Attributes	Supported releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisSync multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mcLagPointer' EQUAL '\')		
Clearing condition: ('mcLagPointer' NOT EQUAL '\')		

Table 2-78 IncompleteConfig (rmon)

Alarm	Attributes	Supported releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: rmon Raised on classes: <ul style="list-style-type: none"> rmon.Event rmon.Alarm 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when an object is created with default values but not yet made active.		
Raising condition: ('Status' EQUAL 'Under Creation')		
Clearing condition: ('Status' NOT EQUAL 'Under Creation')		

Table 2-79 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 2-80 InconsistenciesOnNode

Alarm	Attributes	Supported releases
Name: InconsistenciesOnNode (1077) Type: integrityViolation (85) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: inconsistenciesOnNode (813)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a device detects one or more configuration inconsistencies. On a 9500 MPR, this can be caused by cross-connect creation failure during service creation.		

Table 2-81 IncorrectEndPointPeerConfig

Alarm	Attributes	Supported releases
Name: IncorrectEndPointPeerConfig (1068) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: major Implicitly cleared: true Default probable cause: incompleteEPPeerConfig (810)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('MC EndPoint Group Pointer' EQUAL '\')		
Clearing condition: ('MC EndPoint Group Pointer' NOT EQUAL '\')		

Table 2-82 IncorrectNeighborConfig

Alarm	Attributes	Supported releases
Name: IncorrectNeighborConfig (609) Type: configurationAlarm (11) Package: aps Raised on class: aps.ApsGroup	Severity: major Implicitly cleared: true Default probable cause: incorrectNeighborConfig (452)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the peer does not exist or the neighbor address does not point to a network interface on the NE that contains the peer object.		
Raising condition: (('Type' EQUAL 'MultiChassis') AND ('Neighbor match' EQUAL 'false'))		
Clearing condition: (('Type' EQUAL 'SingleChassis') OR ('Neighbor match' EQUAL 'true'))		

Table 2-83 IncorrectPeerConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.Peer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		

Table 2-84 IncorrectPeerSynchronizationPortConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerSynchronizationPortConfig (780) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPort	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortConfig (555)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the peer port does not exist, or when the peer port exists but the synchronization tags of the peers do not match.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		

Table 2-85 IncorrectPeerSynchronizationPortEncapRangeConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerSynchronizationPortEncapRangeConfig (781) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPortEncapRange	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortEncapRangeConfig (556)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the VLAN ranges on the Multi-Chassis synchronization peers do not match.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		

Table 2-86 InstallDirectoryDiskSpaceBelowThreshold

Alarm	Attributes	Supported releases
Name: InstallDirectoryDiskSpaceBelowThreshold (612) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the primary or standalone database installation disk space threshold specified in the nms-server.xml file is reached.		

Table 2-87 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 2-88 InterfaceDown (service)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: service Raised on class: service.RedundantInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM detects that a redundant interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 2-89 InterfaceDown (vpls)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 2-90 InterfaceDown (vprn)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vprn Raised on class: vprn.IPMirrorInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects that an interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 2-91 InvalidBOFAddress

Alarm	Attributes	Supported releases
Name: InvalidBOFAddress (1141) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: false Default probable cause: invalidBOF (847)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised during a network topology rescan in which the 5620 SAM does not find a previously configured NE BOF address, and the Management IP Selection of the NE is set to one of the following:- Out Of Band Preferred- In Band Preferred		

Table 2-92 InvalidDatabase

Alarm	Attributes	Supported releases
Name: InvalidDatabase (2891) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: DbInvalid (1103)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a database is invalid.		

Table 2-93 InvalidTopology

Alarm	Attributes	Supported releases
Name: InvalidTopology (2892) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: InvalidTopo (1104)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when topology has misconfigured.		

Table 2-94 IsidMisconfiguration (epipe)

Alarm	Attributes	Supported releases
Name: IsidMisconfiguration (592) Type: configurationAlarm (11) Package: epipe Raised on class: epipe.Epipe	Severity: warning Implicitly cleared: true Default probable cause: isidInconsistent (446)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when Epipe service sites that are bound to a PBB backbone use different ISID values.		
Raising condition: ('operationalFlags'anyBit'ISID Inconsistent')		
Clearing condition: NOT (('operationalFlags'anyBit'ISID Inconsistent'))		

Table 2-95 IsidMisconfiguration (vpls)

Alarm	Attributes	Supported releases
Name: IsidMisconfiguration (592) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.AbstractVpls	Severity: warning Implicitly cleared: true Default probable cause: isidInconsistent (446)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when service sites use inconsistent I-SID values for a PBB backbone. The alarm is raised against a VPLS or M-VPLS service.		
Raising condition: ('operationalFlags'anyBit'ISID Inconsistent')		
Clearing condition: NOT (('operationalFlags'anyBit'ISID Inconsistent'))		

Table 2-96 JMSSClientMessagesRemoved

Alarm	Attributes	Supported releases
Name: JMSSClientMessagesRemoved (532) Type: communicationsAlarm (4) Package: security Raised on class: security.User	Severity: minor Implicitly cleared: false Default probable cause: maximumExceededMessages (297)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the number of JMS messages that are queued for a 5620 SAM client exceeds the allowed number. The 5620 SAM subsequently deletes messages to keep the number within the allowed range.		

Table 2-97 JMSDurableClientReset

Alarm	Attributes	Supported releases
Name: JMSDurableClientReset (530) Type: communicationsAlarm (4) Package: security Raised on class: security.User	Severity: warning Implicitly cleared: true Default probable cause: jmsServerRestart (401)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a durable JMS client is removed from the 5620 SAM because of a JMS server restart or switchover.		

Table 2-98 JMSDurableClientUnsubscribed

Alarm	Attributes	Supported releases
Name: JMSDurableClientUnsubscribed (531) Type: communicationsAlarm (4) Package: security Raised on class: security.User	Severity: minor Implicitly cleared: false Default probable cause: maximumExceededMessages (297)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a durable JMS client is unsubscribed and removed from the 5620 SAM.		

Table 2-99 JMSServerDown

Alarm	Attributes	Supported releases
Name: JMSServerDown (360) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when JMS communication fails.		

Table 2-100 KeepAliveProblem

Alarm	Attributes	Supported releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		

Table 2-101 KeyChainAuthFailure

Alarm	Attributes	Supported releases
Name: KeyChainAuthFailure (421) Type: communicationsAlarm (4) Package: security Raised on class: security.KeyChain	Severity: major Implicitly cleared: false Default probable cause: keyChainAuthFailure (314)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when an incoming packet is dropped because of a TCP key chain authentication failure.		

Table 2-102 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 2-103 LicensedLimitNearing

Alarm	Attributes	Supported releases
Name: LicensedLimitNearing (1931) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: warning Implicitly cleared: true Default probable cause: licensedLimitNearing (132)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the license items in the network reaches 75 to 90 percent of the license capacity.		

Table 2-104 LicensedLimitNearlyExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitNearlyExceeded (1932) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: major Implicitly cleared: true Default probable cause: licensedLimitNearlyExceeded (133)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the license items in the network reaches 90 to 100 percent of the license capacity.		

Table 2-105 LicensedLimitReached

Alarm	Attributes	Supported releases
Name: LicensedLimitReached (1933) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: major Implicitly cleared: true Default probable cause: licensedLimitReached (925)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the license items in the network reaches 100 percent of the license capacity.		

Table 2-106 LicenseKeysInvalid

Alarm	Attributes	Supported releases
Name: LicenseKeysInvalid (1122) Type: licensingAlarm (23) Package: security Raised on class: security.AbstractLicense	Severity: warning Implicitly cleared: true Default probable cause: LicenseKeysInvalid (836)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM server configuration is updated with a new license key and the license key is not valid.		

Table 2-107 LicenseMismatch

Alarm	Attributes	Supported releases
Name: LicenseMismatch (342) Type: licensingAlarm (23) Package: security Raised on class: security.AbstractLicense	Severity: critical Implicitly cleared: false Default probable cause: licenseMismatch (247)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the primary 5620 SAM main server license does not match the standby 5620 SAM main server license.		

Table 2-108 LicenseViolation

Alarm	Attributes	Supported releases
Name: LicenseViolation (1930) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: warning Implicitly cleared: false Default probable cause: licenseViolation (924)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when license violation happened. capacity.		

Table 2-109 LostReference

Alarm	Attributes	Supported releases
Name: LostReference (2893) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: sync (1105)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised due to lost of redundant reference of system time.		

Table 2-110 LostTimingReferences

Alarm	Attributes	Supported releases
Name: LostTimingReferences (2894) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: SyncOos (1106)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised due to lost of references of system time.		

Table 2-111 LpsViolation

Alarm	Attributes	Supported releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		

Table 2-112 ManagementInterfaceProtectionSwitch

Alarm	Attributes	Supported releases
Name: ManagementInterfaceProtectionSwitch (34) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: switchToInband (814) Applicable probable causes: <ul style="list-style-type: none">switchToInbandswitchToOutband	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when an NE has in-band and out-of-band management interfaces and switches from one type of management to the other.		

Table 2-113 ManagementIpAddressMismatch

Alarm	Attributes	Supported releases
Name: ManagementIpAddressMismatch (1943) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: mismatchOfManagementIpAddress (931)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the IP address of the shadow network element does not match with the IP address of the discovered NE.		

Table 2-114 ManagementIPSwitchUnsupported

Alarm	Attributes	Supported releases
Name: ManagementIPSwitchUnsupported (1078) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: false Default probable cause: managementAddressInvalid (812)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when an attempt is made to switch the management address of an NE from one IP version to another.		

Table 2-115 McLagSourceBMacLsbMisconfigured (lag)

Alarm	Attributes	Supported releases
Name: McLagSourceBMacLsbMisconfigured (776) Type: configurationAlarm (11) Package: lag Raised on class: lag.MultiChassisLag	Severity: major Implicitly cleared: true Default probable cause: McLagSourceBMacLsbMisconfigured (551)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects a mismatch in the last 16 bits of the source backbone MAC address on the peer device. This mismatch prevents PBB access dual homing from operating.		
Raising condition: ('srcBMacLSBMisconfigured' EQUAL 'true')		
Clearing condition: ('srcBMacLSBMisconfigured' EQUAL 'false')		

Table 2-116 McLagSourceBMacLsbMisconfigured (multichassis)

Alarm	Attributes	Supported releases
Name: McLagSourceBMacLsbMisconfigured (776) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisLag	Severity: major Implicitly cleared: true Default probable cause: McLagSourceBMacLsbMisconfigured (551)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects a mismatch in the last 16 bits of the source backbone MAC address on the peer device. This mismatch prevents PBB access dual homing from operating.		
Raising condition: ('srcBMacLSBMisconfigured' EQUAL 'true')		
Clearing condition: ('srcBMacLSBMisconfigured' EQUAL 'false')		

Table 2-117 MediationAuthenticationFailure (security)

Alarm	Attributes	Supported releases
Name: MediationAuthenticationFailure (75) Type: communicationsAlarm (4) Package: security Raised on class: security.BaseMediationPolicy	Severity: warning Implicitly cleared: false Default probable cause: unsupportedSecLevel (55) Applicable probable causes: <ul style="list-style-type: none"> • unsupportedSecLevel • notInTimeWindow • unknownUserName • unknownEngineID • wrongDigest • decryptionError 	<ul style="list-style-type: none"> • 9.0 R5
Description: The alarm is raised when a mediation authentication failure occurs.		

Table 2-118 MediationAuthenticationFailure (snmp)

Alarm	Attributes	Supported releases
Name: MediationAuthenticationFailure (75) Type: communicationsAlarm (4) Package: snmp Raised on class: snmp.PollerManager	Severity: critical Implicitly cleared: false Default probable cause: noMediationPolicyFound (62)	<ul style="list-style-type: none"> • 9.0 R5
Description: The alarm is raised when an NE has no associated 5620 SAM mediation policy.		

Table 2-119 MemoryConsumption

Alarm	Attributes	Supported releases
Name: MemoryConsumption (216) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: tooManyTrapsBuffered (173)	<ul style="list-style-type: none"> • 9.0 R5
Description: The alarm is raised when one of the following occurs.- The number of traps from a particular NE that await processing by the 5620 SAM surpasses the NE red threshold for trap memory management in the 5620 SAM server configuration.- The global number of traps that await processing by the 5620 SAM surpasses the yellow threshold for trap memory management in the 5620 SAM server configuration. Caution: Alcatel-Lucent strongly recommends against modifying NE trap management threshold values; modifying these values can seriously degrade 5620 SAM performance. The alarm clears when one of the following occurs.- The number of traps from the NE that await processing falls below the NE red threshold.- The global number of traps that await processing falls below the system yellow threshold. The NE is resynchronized only if required.		

Table 2-120 MemoryThresholdCrossingAlarm

Alarm	Attributes	Supported releases
Name: MemoryThresholdCrossingAlarm (1936) Type: configurationAlarm (11) Package: server Raised on class: server.SamServer	Severity: variable Implicitly cleared: false Default probable cause: lowMemoryConfigured (927)	<ul style="list-style-type: none"> • 9.0 R5
Description: The alarm is raised when the memory of the SAM Server exceeds some threshold.		

Table 2-121 MisconfiguredNode

Alarm	Attributes	Supported releases
Name: MisconfiguredNode (382) Type: configurationAlarm (11) Package: netw Raised on class: netw.Topology	Severity: major Implicitly cleared: false Default probable cause: persistOff (281) Applicable probable causes: <ul style="list-style-type: none"> persistOff noSystemAddress noIpv4Address 	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM tries to discover an NE that is not properly configured for management, for example, when persistence is set to Off in the NE BOF, or when the NE has no system address.		

Table 2-122 MissedStatsCatchUpCollection

Alarm	Attributes	Supported releases
Name: MissedStatsCatchUpCollection (2895) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: snmpDown (306)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a 5620 SAM main server cannot communicate with the node to retrieve missed collections intervals.		

Table 2-123 MissedStatsCollection

Alarm	Attributes	Supported releases
Name: MissedStatsCollection (355) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: noAuxiliaryServersAvailable (256)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a 5620 SAM main server cannot communicate with any auxiliary server for NE statistics collection during a statistics poll.		

Table 2-124 MissingFallingEvent

Alarm	Attributes	Supported releases
Name: MissingFallingEvent (414) Type: configurationAlarm (11) Package: rmon Raised on class: rmon.Alarm	Severity: major Implicitly cleared: false Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM cannot find the falling event object that is named in an RMON policy alarm definition.		
Raising condition: ('Missing Falling Event' EQUAL 'true')		
Clearing condition: ('Missing Falling Event' EQUAL 'false')		

Table 2-125 MissingNESelfConfigPolicy

Alarm	Attributes	Supported releases
Name: MissingNESelfConfigPolicy (1944) Type: communicationsAlarm (4) Package: netw Raised on class: netw.TopologyDiscoveryRule	Severity: major Implicitly cleared: false Default probable cause: noNESelfConfigPolicyFound (932)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when an identifier of a shadow NE matches the identifier of a node being discovered by a scan of this discovery rule, but there is no NE self-config policy for the node type set in this discovery rule.		

Table 2-126 MissingPreProvisionedNode

Alarm	Attributes	Supported releases
Name: MissingPreProvisionedNode (1945) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: noPreProvisionedNodeFound (933)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when there is no pre-provisioned NE to be found to associate the discovered candidate target NE to.		

Table 2-127 MissingRisingEvent

Alarm	Attributes	Supported releases
Name: MissingRisingEvent (413) Type: configurationAlarm (11) Package: rmon Raised on class: rmon.Alarm	Severity: major Implicitly cleared: false Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM cannot find the rising event object that is named in an RMON policy alarm definition.		
Raising condition: ('Missing Rising Event' EQUAL 'true')		
Clearing condition: ('Missing Rising Event' EQUAL 'false')		

Table 2-128 MissSpokeConfiguration

Alarm	Attributes	Supported releases
Name: MissSpokeConfiguration (218) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.AbstractVpls	Severity: warning Implicitly cleared: true Default probable cause: missSpokeConfiguration (172)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM detects a spoke SDP binding between two sites in one M-VPLS or VPLS. The alarm is not raised by the 5620 SAM, Release 4.0 or later.		
Raising condition: ('missSpokeConfiguration' EQUAL 'true')		
Clearing condition: ('missSpokeConfiguration' EQUAL 'false')		

Table 2-129 NeighborLoss (pim)

Alarm	Attributes	Supported releases
Name: NeighborLoss (188) Type: communicationsAlarm (4) Package: pim Raised on class: pim.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborConnectionLost (148)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the connection to a neighbor is lost.		

Table 2-130 NeighborLoss (vpls)

Alarm	Attributes	Supported releases
Name: NeighborLoss (188) Type: communicationsAlarm (4) Package: vpls Raised on class: vpls.InterfacePimSnooping	Severity: warning Implicitly cleared: true Default probable cause: NeighborConnectionLost (148)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects a loss of connection to a PIM neighbor.		

Table 2-131 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 9.0 R5
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		

Table 2-132 NetworkElementChassisTypeMismatch

Alarm	Attributes	Supported releases
Name: NetworkElementChassisTypeMismatch (1946) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: mismatchOfNetworkElementChassisType (934)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the chassis type of the shadow network element does not match with the chassis type of the discovered NE.		

Table 2-133 NetworkElementTypeMismatch

Alarm	Attributes	Supported releases
Name: NetworkElementTypeMismatch (1947) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: mismatchOfNetworkElementType (935)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the type of the shadow network element does not match with the type of the discovered NE.		

Table 2-134 NetworkElementVersionMismatch

Alarm	Attributes	Supported releases
Name: NetworkElementVersionMismatch (1948) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: mismatchOfNetworkElementVersion (936)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the version of the shadow network element does not match with the version of the discovered NE.		

Table 2-135 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 2-136 NodeAlreadyManagedOverAnotherProtocol

Alarm	Attributes	Supported releases
Name: NodeAlreadyManagedOverAnotherProtocol (1080) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeAlreadyDiscovered (818)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM tries to rediscover a previously discovered NE using a different IP version.		

Table 2-137 NodeDatabaseCorruptionDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseCorruptionDetected (1961) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: nodeDatabaseCorrupted (948)	<ul style="list-style-type: none"> 9.0 R5
Description: This alarm is raised when an error in the node causes the node to lose its configuration and come up in an inconsistent/incomplete state. To overcome this it might be necessary to reconfigure the node.		

Table 2-138 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> 9.0 R5
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 2-139 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> 9.0 R5
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 2-140 NodeDataMismatch

Alarm	Attributes	Supported releases
Name: NodeDataMismatch (3315) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: nodeDataMismatch (1154)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM Data model and node is mismatched.		

Table 2-141 NodeRebooted

Alarm	Attributes	Supported releases
Name: NodeRebooted (32) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeReboot (25)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM detects an NE reboot based on the latest NE sysUpTime value.		

Table 2-142 NodeUpgraded

Alarm	Attributes	Supported releases
Name: NodeUpgraded (178) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: upgradedNodeVersion (140)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM detects an NE software version upgrade.		

Table 2-143 NodeVersionMismatch

Alarm	Attributes	Supported releases
Name: NodeVersionMismatch (177) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: DowngradedNodeVersion (139)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the software version on an NE differs from the version recorded for the NE in the 5620 SAM database.		

Table 2-144 NoPeerMcRingFound

Alarm	Attributes	Supported releases
Name: NoPeerMcRingFound (782) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: IncompleteConfig (557)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM cannot find the peer MC ring.		
Raising condition: ('Peer Multi-Chassis Ring' EQUAL "\\\")		
Clearing condition: ('Peer Multi-Chassis Ring' NOT EQUAL "\\\")		

Table 2-145 NTPServerNotReachable

Alarm	Attributes	Supported releases
Name: NTPServerNotReachable (2896) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: NTPooSync (1107)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the network timing protocol is out of sync.		

Table 2-146 OldArchiveLogsDeleted

Alarm	Attributes	Supported releases
Name: OldArchiveLogsDeleted (198) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: false Default probable cause: archivedLogsIssue (154)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM deletes the applied archive logs because database disk space is low. In a standalone deployment, the 5620 SAM deletes all archive logs. In a redundant deployment, the 5620 SAM deletes the applied archive logs, and can raise the alarm against the primary or standby database.		

Table 2-147 OneWayCommunication

Alarm	Attributes	Supported releases
Name: OneWayCommunication (733) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: major Implicitly cleared: true Default probable cause: routingConfiguration (510)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server, but the auxiliary server can communicate with the main server.		

Table 2-148 OracleHomeDiskSpaceBelowThreshold

Alarm	Attributes	Supported releases
Name: OracleHomeDiskSpaceBelowThreshold (399) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the primary or standalone database Oracle disk space threshold specified in the nms-server.xml file is reached.		

Table 2-149 OutOfBandManagementConnectionDown

Alarm	Attributes	Supported releases
Name: OutOfBandManagementConnectionDown (138) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: critical Implicitly cleared: true Default probable cause: managementConnectionDown (111)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM cannot reach a managed NE using the ping function over an out-of-band connection.		

Table 2-150 PatchLevelMismatch

Alarm	Attributes	Supported releases
Name: PatchLevelMismatch (659) Type: softwareAlarm (19) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: patchLevelMismatch (490)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM primary main server software patch level does not match the standby main server software patch level.		

Table 2-151 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 2-152 PhysicalLinkPortsMisconfigured

Alarm	Attributes	Supported releases
Name: PhysicalLinkPortsMisconfigured (239) Type: configurationAlarm (11) Package: netw Raised on class: netw.AbstractPhysicalLink	Severity: minor Implicitly cleared: true Default probable cause: physicalLinkPortsMisconfigured (181)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when there is an MTU size mismatch between a link endpoint and a port. The alarm clears when the MTUs match.		
Raising condition: ('physicalLinkMisconfigured' EQUAL 'true')		
Clearing condition: ('physicalLinkMisconfigured' EQUAL 'false')		

Table 2-153 PollDeadlineMissed

Alarm	Attributes	Supported releases
Name: PollDeadlineMissed (240) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: tooManyItemsToPoll (183)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a 5620 SAM server cannot finish browsing a statistics MIB before a polling interval expires.		

Table 2-154 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 2-155 PrimaryDatabaseDown

Alarm	Attributes	Supported releases
Name: PrimaryDatabaseDown (751) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: true Default probable cause: primaryDatabaseDown (527)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the primary 5620 SAM database is down for at least one poll. The alarm is not persisted in the database or stored in the alarm history; when the database returns to service, the PrimaryDatabaseWasDown alarm is raised.		

Table 2-156 PrimaryDatabaseWasDown

Alarm	Attributes	Supported releases
Name: PrimaryDatabaseWasDown (254) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: false Default probable cause: primaryDatabaseWasDown (193)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the primary database returns to service after being unavailable for at least one poll.		

Table 2-157 ProvisioningMismatch

Alarm	Attributes	Supported releases
Name: ProvisioningMismatch (634) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: provisioningMismatch (470)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a license mismatch is detected for provisioned equipment.		

Table 2-158 ProxyDown

Alarm	Attributes	Supported releases
Name: ProxyDown (1959) Type: communicationsAlarm (4) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when proxy server communication fails.		

Table 2-159 PurgeFilesToFreeDiskSpace

Alarm	Attributes	Supported releases
Name: PurgeFilesToFreeDiskSpace (1937) Type: serverAlarm (94) Package: server Raised on class: server.SamServer	Severity: variable Implicitly cleared: false Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when Server deletes some files to free the disk space.		

Table 2-160 RamFreeSpaceExceeded

Alarm	Attributes	Supported releases
Name: RamFreeSpaceExceeded (359) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a 7250 SAS sends the BATM-SYS-MON-MIB.ramFreeSpaceExceeded trap to indicate that a configurable RAM utilization threshold is reached.		

Table 2-161 RealignmentOfDatabase

Alarm	Attributes	Supported releases
Name: RealignmentOfDatabase (613) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: false Default probable cause: databaseRealignment (455)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the primary 5620 SAM main server realigns itself with the preferred database by performing a database switchover to connect to the primary database.		

Table 2-162 RealignmentOfDatabaseFailed

Alarm	Attributes	Supported releases
Name: RealignmentOfDatabaseFailed (614) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: databaseRealignmentFailed (456)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a database switchover to realign the primary main server and primary database fails. The primary main server is not connected to the preferred database.		

Table 2-163 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> 9.0 R5
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 2-164 RedAlarmThresholdReached

Alarm	Attributes	Supported releases
Name: RedAlarmThresholdReached (241) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: tooManyAlarms (182)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the number of outstanding 5620 SAM alarms reaches the critical threshold. When this happens, the 5620 SAM discards alarms to keep the number below the threshold.		

Table 2-165 RedundantRadioLink

Alarm	Attributes	Supported releases
Name: RedundantRadioLink (1081) Type: configurationAlarm (11) Package: netw Raised on class: netw.RadioPhysicalLink	Severity: minor Implicitly cleared: false Default probable cause: redundantRadioLinkConfigured (819)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a radio link is discovered between two nodes when there is already a physical link(s) between the same nodes.		

Table 2-166 ReinstantiateStandbyDatabase

Alarm	Attributes	Supported releases
Name: ReinstantiateStandbyDatabase (252) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: false Default probable cause: reinstantiateStandbyDatabase (191)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a standby database instantiation occurs.		

Table 2-167 ReinstantiateStandbyDatabaseFailed

Alarm	Attributes	Supported releases
Name: ReinstantiateStandbyDatabaseFailed (253) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: reinstantiateStandbyDatabaseFailed (192)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a standby database instantiation fails.		

Table 2-168 RowThresholdConstraintViolated

Alarm	Attributes	Supported releases
Name: RowThresholdConstraintViolated (286) Type: configurationAlarm (11) Package: db Raised on class: db.SizeConstraintPolicy	Severity: major Implicitly cleared: true Default probable cause: partialConstraintEnforcement (218)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the number of records in a database table exceeds the number specified in a size constraint policy.		
Raising condition: ('Cleanup partial (too many objects)' EQUAL 'true')		
Clearing condition: ('Cleanup partial (too many objects)' EQUAL 'false')		

Table 2-169 RsyncDirectoryMismatch

Alarm	Attributes	Supported releases
Name: RsyncDirectoryMismatch (1938) Type: serverAlarm (94) Package: server Raised on class: server.SamServer	Severity: major Implicitly cleared: false Default probable cause: rsyncDirectoryMismatch (928)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the rsync directories mismatch between two Servers.		

Table 2-170 RsyncFilesToRemoteHost

Alarm	Attributes	Supported releases
Name: RsyncFilesToRemoteHost (1939) Type: communicationsAlarm (4) Package: server Raised on class: server.SamServer	Severity: variable Implicitly cleared: true Default probable cause: rsyncFilesIssue (929)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the rsync cannot sync the files with the remote server.		

Table 2-171 RuleRegistrationError

Alarm	Attributes	Supported releases
Name: RuleRegistrationError (364) Type: ConfigurationAlarm (15) Package: rules Raised on class: rules.RuleSet	Severity: warning Implicitly cleared: true Default probable cause: ruleContentsError (261)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when one or more internal 5620 SAM server rule-engine rules fails to compile. The cause is typically a rule syntax error or a system error.		
Raising condition: (('Name' EQUAL '\N/A\') OR ('compiled' EQUAL 'false'))		
Clearing condition: (('Name' NOT EQUAL '\N/A\') AND ('compiled' EQUAL 'true'))		

Table 2-172 sapDHCPProxyServerError

Alarm	Attributes	Supported releases
Name: sapDHCPProxyServerError (387) Type: communicationsAlarm (4) Package: service Raised on class: service.AccessInterface	Severity: major Implicitly cleared: false Default probable cause: UnableProxyDHCPRequest (291)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM is unable to proxy a DHCP request.		

Table 2-173 SasAccountingAlarm

Alarm	Attributes	Supported releases
Name: SasAccountingAlarm (691) Type: oamAlarm (18) Package: sas Raised on class: sas.TestSuite	Severity: minor Implicitly cleared: true Default probable cause: noAccountingPolicy (506)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM cannot find an SAA Accounting Policy.		

Table 2-174 SasSlaAlarm

Alarm	Attributes	Supported releases
Name: SasSlaAlarm (568) Type: oamAlarm (18) Package: sas Raised on class: sas.TestSuite	Severity: minor Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM detects a lightweight test execution failure.		

Table 2-175 SasThresholdExceededAlarm

Alarm	Attributes	Supported releases
Name: SasThresholdExceededAlarm (272) Type: oamAlarm (18) Package: sas Raised on class: sas.Test	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a rising or falling threshold is crossed by a jitter, latency, or loss value. The alarm is raised only against a scheduled test. The alarm information includes the threshold type, the threshold setting, and the current rising or falling value.		

Table 2-176 SasTooManyTestsOnNodeAlarm

Alarm	Attributes	Supported releases
Name: SasTooManyTestsOnNodeAlarm (287) Type: oamAlarm (18) Package: sas Raised on class: sas.NeAgent	Severity: major Implicitly cleared: true Default probable cause: tooManyTestsDeployedOnNode (220)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when an NE reaches 60 percent of the allowed number of created or simultaneously executed OAM tests. An attempt to create or execute an NE schedulable test on an NE fails when the number of tests reaches 95 percent of the NE capacity. The alarm information includes the following: - the NE ID- the number of deployed tests on the NE- the allowed number of deployed tests on the NE		

Table 2-177 scheduledTaskCompletionStatus

Alarm	Attributes	Supported releases
Name: scheduledTaskCompletionStatus (528) Type: taskCompletionAlarm (45) Package: schedule Raised on class: schedule.ScheduledTask	Severity: info Implicitly cleared: false Default probable cause: scheduledTaskCompleted (400)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the execution of a SAM scheduled task completes.		
Raising condition: ('Status' EQUAL 'Completed')		

Table 2-178 ServerLeaseDefaultTimers

Alarm	Attributes	Supported releases
Name: ServerLeaseDefaultTimers (2937) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.AbstractDhcpServer	Severity: warning Implicitly cleared: false Default probable cause: LeaseTimerInconsistent (1129)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the system has reverted to default lease timer values for a particular DHCP client because the configuration of the lease timers was inconsistent.		

Table 2-179 ServerMaxLeasesReached

Alarm	Attributes	Supported releases
Name: ServerMaxLeasesReached (3316) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: DhcpSvrMaxLeasesReached (1155)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when any the maximum number of leases allocated by local DHCP servers was reached		

Table 2-180 ServerMsgTooLong

Alarm	Attributes	Supported releases
Name: ServerMsgTooLong (2938) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.AbstractDhcpServer	Severity: warning Implicitly cleared: false Default probable cause: DhcpSvrMsgTooLong (1130)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a DHCP message is built but the message size either exceeds the maximum DHCP message size or the size provided by the client in the option maximum DHCP message size.		

Table 2-181 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 2-182 ShelfAssignmentFailure

Alarm	Attributes	Supported releases
Name: ShelfAssignmentFailure (2897) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: PrcDreRR (1108)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the subtended shelf cannot be assigned a shelf Id.		

Table 2-183 SiteSyncDeploymentFailure

Alarm	Attributes	Supported releases
Name: SiteSyncDeploymentFailure (589) Type: equipmentAlarm (3) Package: sonet Raised on class: sonet.SiteSync	Severity: major Implicitly cleared: false Default probable cause: siteSyncFailure (441)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM tries to deploy a value for an object when a transaction that involves the object is in progress from a different context.		

Table 2-184 SnmpDaemonProblem

Alarm	Attributes	Supported releases
Name: SnmpDaemonProblem (175) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: snmpDaemonError (138)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when one of the following occurs:- The 5620 SAM receives an unexpected response to an SNMP request, for example, when a managed NE sends the wrong object in response to an SMNP get or get-next request.- The 5620 SAM receives the TIMETRA-SYSTEM-MIB.tmnxSnmpdError trap from a managed NE.		

Table 2-185 SnmpDown

Alarm	Attributes	Supported releases
Name: SnmpDown (410) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: snmpDown (306)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the SNMP agent is manually shut down on an NE and the NE sends a trap to indicate this.		

Table 2-186 SoftwareNotCommitted

Alarm	Attributes	Supported releases
Name: SoftwareNotCommitted (2898) Type: softwareAlarm (19) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: SwUpgCommit (1109)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the software autoinstall is disabled.		

Table 2-187 SoftwareUpgradeFailed

Alarm	Attributes	Supported releases
Name: SoftwareUpgradeFailed (106) Type: configurationAlarm (11) Package: sw Raised on class: sw.SoftwareUpgradeManager	Severity: major Implicitly cleared: false Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when an NE software upgrade using the 5620 SAM fails.		

Table 2-188 SoftwareUpgradeFailure

Alarm	Attributes	Supported releases
Name: SoftwareUpgradeFailure (2899) Type: softwareAlarm (19) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: SwUpgFail (1110)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the software upgrade fails.		

Table 2-189 SoftwareUpgradeInProgress

Alarm	Attributes	Supported releases
Name: SoftwareUpgradeInProgress (2900) Type: softwareAlarm (19) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: SwftDwn (1111)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the software upgrade is in progress.		

Table 2-190 StagingDiskSpaceBelowThreshold

Alarm	Attributes	Supported releases
Name: StagingDiskSpaceBelowThreshold (453) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the primary or standalone database staging disk space threshold specified in the nms-server.xml file is reached.		

Table 2-191 StandbyArchiveLogDiskSpaceBelowThreshold

Alarm	Attributes	Supported releases
Name: StandbyArchiveLogDiskSpaceBelowThreshold (2936) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the standby database archived log disk space threshold specified in the nms-server.xml file is reached.		

Table 2-192 StandbyCPMManagementConnectionDown

Alarm	Attributes	Supported releases
Name: StandbyCPMManagementConnectionDown (140) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: critical Implicitly cleared: true Default probable cause: managementConnectionDown (111)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM cannot reach a managed NE using the ping function.		

Table 2-193 StandbyDataFileDiskSpaceBelowThreshold

Alarm	Attributes	Supported releases
Name: StandbyDataFileDiskSpaceBelowThreshold (539) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: true Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the standby data file disk space threshold specified in the nms-server.xml file is reached.		

Table 2-194 StandbyInstallDirectoryDiskSpaceBelowThreshold

Alarm	Attributes	Supported releases
Name: StandbyInstallDirectoryDiskSpaceBelowThreshold (615) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the standby database installation disk space threshold specified in the nms-server.xml file is reached.		

Table 2-195 StandbyOracleHomeDiskSpaceBelowThreshold

Alarm	Attributes	Supported releases
Name: StandbyOracleHomeDiskSpaceBelowThreshold (540) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the standby database Oracle disk space threshold specified in the nms-server.xml file is reached.		

Table 2-196 StandbyServerStatus

Alarm	Attributes	Supported releases
Name: StandbyServerStatus (208) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the primary 5620 SAM main server cannot communicate with the 5620 SAM standby main server. The alarm clears when communication between the servers is restored.		

Table 2-197 StandbyStagingDiskSpaceBelowThreshold

Alarm	Attributes	Supported releases
Name: StandbyStagingDiskSpaceBelowThreshold (541) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: true Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the standby database staging disk space threshold specified in the nms-server.xml file is reached.		

Table 2-198 StatisticsCollectionThresholdExceeded

Alarm	Attributes	Supported releases
Name: StatisticsCollectionThresholdExceeded (524) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: major Implicitly cleared: false Default probable cause: collectionRateGreaterThanConfigured (398)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the accounting statistics collection rate exceeds the retention specifications.		

Table 2-199 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 2-200 STMSystemMultiAuxAvailable

Alarm	Attributes	Supported releases
Name: STMSystemMultiAuxAvailable (527) Type: misConfiguration (53) Package: sas Raised on class: sas.TestManager	Severity: critical Implicitly cleared: false Default probable cause: multiAuxiliaryServersAvailable (399)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM detects multiple available auxiliary servers for test execution.		

Table 2-201 STMSystemNotAvailable

Alarm	Attributes	Supported releases
Name: STMSystemNotAvailable (526) Type: communicationsAlarm (4) Package: sas Raised on class: sas.TestManager	Severity: critical Implicitly cleared: false Default probable cause: noAuxiliaryServersAvailable (256)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM detects no available auxiliary servers for test execution.		

Table 2-202 STMTesIdRangeMismatch

Alarm	Attributes	Supported releases
Name: STMTesIdRangeMismatch (792) Type: oamAlarm (18) Package: sas Raised on class: sas.TestManager	Severity: major Implicitly cleared: true Default probable cause: testIdRangeMismatch (560)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects an STM test ID range mismatch between the primary and standby main servers.		

Table 2-203 STMTestsOutsideRange

Alarm	Attributes	Supported releases
Name: STMTestsOutsideRange (793) Type: oamAlarm (18) Package: sas Raised on class: sas.TestManager	Severity: major Implicitly cleared: false Default probable cause: testsOutsideRange (561)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects one or more STM Tests that have IDs outside the specified range.		

Table 2-204 SubnetMinFreeExc

Alarm	Attributes	Supported releases
Name: SubnetMinFreeExc (516) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.Subnet	Severity: warning Implicitly cleared: false Default probable cause: actualFreeAddrBelowSubnetMin (391)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the actual number of free addresses in a subnet falls below the desired minimum number specified in the subnet configuration		

Table 2-205 SvcNameUpgradeScriptFailed

Alarm	Attributes	Supported releases
Name: SvcNameUpgradeScriptFailed (1082) Type: scriptAlarm (86) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: cliConnectionFailed (820) Applicable probable causes: <ul style="list-style-type: none"> cliConnectionFailed cliLoginFailed executionFailed 	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a generated NE-upgrade CLI script fails. Typical causes include the following:- invalid CLI login information in the mediation policy- an unreachable NE Manual script execution from the NE properties form may provide more information about the failure.		

Table 2-206 SwitchOverDatabase

Alarm	Attributes	Supported releases
Name: SwitchOverDatabase (203) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: warning Implicitly cleared: false Default probable cause: switchOverDatabase (157)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a database switchover occurs.		

Table 2-207 SwitchOverDatabaseFailed

Alarm	Attributes	Supported releases
Name: SwitchOverDatabaseFailed (204) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: switchOverDatabaseFailed (158)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a database switchover fails.		

Table 2-208 SystemMemoryConsumption

Alarm	Attributes	Supported releases
Name: SystemMemoryConsumption (225) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: tooManyTrapsBuffered (173)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the global number of SNMP traps that await processing by the 5620 SAM surpasses the system red threshold for trap memory management specified in the base configuration of the 5620 SAM server. Caution: Alcatel-Lucent strongly recommends against modifying NE trap management threshold values; modifying these values can seriously degrade 5620 SAM performance. The alarm clears when the number of traps that await processing falls below the system red threshold. The 5620 SAM resynchronizes the NEs, if required.		

Table 2-209 SystemNameChange

Alarm	Attributes	Supported releases
Name: SystemNameChange (228) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: systemNameChange (174)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when an NE undergoes a system name change. The alarm information includes the old system name and the new system name.		

Table 2-210 SystemTimemisConfig

Alarm	Attributes	Supported releases
Name: SystemTimemisConfig (2901) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: PrcDreRR (1108)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised due to misprovisioning of system time.		

Table 2-211 TableSpaceAboveThreshold

Alarm	Attributes	Supported releases
Name: TableSpaceAboveThreshold (454) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: false Default probable cause: HighStatisticsCollectionRate (349)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the database table space becomes too full, which may indicate that the performance statistics collection rate or the statistics retention time is too high.		

Table 2-212 TemplateInconsistency

Alarm	Attributes	Supported releases
Name: TemplateInconsistency (189) Type: ConfigurationAlarm (15) Package: policy Raised on class: policy.PolicyDefinition	Severity: warning Implicitly cleared: true Default probable cause: templatePolicyMismatch (149)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when there is a parameter type or value mismatch between a global policy and a local policy.		

Table 2-213 TemporaryCommunicationFailure

Alarm	Attributes	Supported releases
Name: TemporaryCommunicationFailure (800) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: temporaryCommunicationProblem (566)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a temporary communication failure is detected.		

Table 2-214 TestThresholdExceededAlarm (atm)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: atm Raised on class: atm.PvcConnection	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-215 TestThresholdExceededAlarm (ethernetoam)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.MaintAssociation	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-216 TestThresholdExceededAlarm (ldp)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: ldp Raised on class: ldp.Site	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-217 TestThresholdExceededAlarm (lte)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: lte Raised on class: lte.EPSPath	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-218 TestThresholdExceededAlarm (lteservice)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: lteservice Raised on class: lteservice.MobileService	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-219 TestThresholdExceededAlarm (mirror)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: mirror Raised on class: mirror.Mirror	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-220 TestThresholdExceededAlarm (monpath)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: monpath Raised on class: monpath.MonitoredIpPath	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-221 TestThresholdExceededAlarm (mpls)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: mpls Raised on class: mpls.Lsp	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-222 TestThresholdExceededAlarm (netw)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-223 TestThresholdExceededAlarm (rtr)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: rtr Raised on class: rtr.VirtualRouter	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-224 TestThresholdExceededAlarm (service)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: service Raised on class: service.SpokeConnector	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-225 TestThresholdExceededAlarm (svt)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-226 TestThresholdExceededAlarm (vll)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: vll Raised on class: vll.Vll	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-227 TestThresholdExceededAlarm (vpls)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: vpls Raised on class: vpls.AbstractVpls	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-228 TestThresholdExceededAlarm (vprn)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm (1154) Type: oamAlarm (18) Package: vprn Raised on class: vprn.Vprn	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-229 TestThresholdExceededAlarm2 (ethernetoam)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm2 (1918) Type: oamAlarm (18) Package: ethernetoam Raised on class: ethernetoam.Mep	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-230 TestThresholdExceededAlarm2 (mpls)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm2 (1918) Type: oamAlarm (18) Package: mpls Raised on class: mpls.P2MPDynamicLsp	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-231 TestThresholdExceededAlarm2 (service)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm2 (1918) Type: oamAlarm (18) Package: service Raised on class: service.Site	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-232 TestThresholdExceededAlarm2 (svt)

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm2 (1918) Type: oamAlarm (18) Package: svt Raised on class: svt.SdpBinding	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-233 TestThresholdExceededAlarm3

Alarm	Attributes	Supported releases
Name: TestThresholdExceededAlarm3 (1919) Type: oamAlarm (18) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: networkDegradation (204)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when SasThresholdExceededAlarm is raised for any test on this object.		

Table 2-234 ThresholdCrossingAlarm (equipment)

Alarm	Attributes	Supported releases
Name: ThresholdCrossingAlarm (14) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.Port	Severity: warning Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a port value crosses a threshold.		

Table 2-235 ThresholdCrossingAlarm (generic)

Alarm	Attributes	Supported releases
Name: ThresholdCrossingAlarm (14) Type: thresholdCrossed (6) Package: generic Raised on class: generic.GenericObject	Severity: warning Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a monitored object statistics-counter value exceeds a threshold value in the associated statistics policy.		

Table 2-236 ThresholdCrossingAlarm (netw)

Alarm	Attributes	Supported releases
Name: ThresholdCrossingAlarm (14) Type: thresholdCrossed (6) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a value crosses a configured rising or falling threshold. The alarm information includes the current threshold value, the default threshold value, and the threshold name.		

Table 2-237 ThresholdCrossingAlarm (tca)

Alarm	Attributes	Supported releases
Name: ThresholdCrossingAlarm (14) Type: thresholdCrossed (6) Package: tca Raised on class: tca.SpecificTCAPolicy	Severity: variable Implicitly cleared: false Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a monitored object statistics-counter value exceeds a threshold value in the associated statistics policy.		

Table 2-238 ThresholdCrossingAlarmDbI

Alarm	Attributes	Supported releases
Name: ThresholdCrossingAlarmDbI (226) Type: thresholdCrossed (6) Package: generic Raised on class: generic.GenericObject	Severity: warning Implicitly cleared: true Default probable cause: thresholdCrossed (12)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a value crosses a configured rising or falling threshold. The alarm information includes the current threshold value, the default threshold value, and the threshold name.		

Table 2-239 TimedLicenseExpiryNotice

Alarm	Attributes	Supported releases
Name: TimedLicenseExpiryNotice (263) Type: licensingAlarm (23) Package: security Raised on class: security.AbstractLicense	Severity: warning Implicitly cleared: false Default probable cause: timedLicenseExpiryNotice (196)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM license timer expires. The alarm information includes the license expiry date.		

Table 2-240 TimeMismatch

Alarm	Attributes	Supported releases
Name: TimeMismatch (436) Type: configurationAlarm (11) Package: server Raised on class: server.AuxiliaryServer	Severity: major Implicitly cleared: false Default probable cause: timeMismatch (344)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the system time on a 5620 SAM auxiliary server station differs from the system time on a main server station.		

Table 2-241 tmnxMcSyncClientAlarm

Alarm	Attributes	Supported releases
Name: tmnxMcSyncClientAlarm (423) Type: communicationsAlarm (4) Package: multichassis Raised on class: multichassis.PeerSynchronizationProtocol	Severity: warning Implicitly cleared: true Default probable cause: locallyDeletedEntryInMCSyncDatabase (407)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a MC synchronization database entry is deleted locally.		

Table 2-242 TodSuiteAssignmentFailure (service)

Alarm	Attributes	Supported releases
Name: TodSuiteAssignmentFailure (312) Type: todSuiteAlarm (35) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: false Default probable cause: configConflictOrResourceFull (274)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a Time of Day suite cannot be assigned to an aggregation scheduler, or to an L2 or L3 access interface, because of a configuration conflict or a lack of resources. The alarm is not raised against a SAP.		

Table 2-243 TodSuiteAssignmentFailure (svq)

Alarm	Attributes	Supported releases
Name: TodSuiteAssignmentFailure (312) Type: todSuiteAlarm (35) Package: svq Raised on class: svq.AggregationScheduler	Severity: minor Implicitly cleared: false Default probable cause: assignmentFailure (242)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when an object fails to perform the action specified in a Time of Day suite.		

Table 2-244 TopologyMisconfigured

Alarm	Attributes	Supported releases
Name: TopologyMisconfigured (95) Type: configurationAlarm (11) Package: service Raised on class: service.Service	Severity: critical Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none">9.0 R5
Description: This alarm is raised when service sites are not fully connected.		
Raising condition: ('topologyMisconfigured' EQUAL 'true')		
Clearing condition: ('topologyMisconfigured' EQUAL 'false')		

Table 2-245 TopologyRuleExecutionError

Alarm	Attributes	Supported releases
Name: TopologyRuleExecutionError (365) Type: configurationAlarm (11) Package: tunnelmgmt Raised on class: tunnelmgmt.TopologyRule	Severity: major Implicitly cleared: false Default probable cause: ruleErrorOrRuleEngineError (262)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM cannot execute a topology rule or when rule execution generates an error. Rule execution is the process that determines which tunnel elements require creation, modification, or deletion. The alarm typically indicates that the rule is misconfigured.		

Table 2-246 TraceError

Alarm	Attributes	Supported releases
Name: TraceError (289) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: traceError (221)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when unusual error log trace messages are generated on an NE. The alarm information includes the title of the logged event and message details.		

Table 2-247 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 2-248 TrapMalformed

Alarm	Attributes	Supported releases
Name: TrapMalformed (135) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapSchemaMismatch (108)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the number of varbinds in an incoming SNMP trap is fewer than the number expected.		

Table 2-249 TrapMapperQueueFull

Alarm	Attributes	Supported releases
Name: TrapMapperQueueFull (797) Type: queueFull (73) Package: trapmapper Raised on class: trapmapper.TrapMapperManager	Severity: critical Implicitly cleared: false Default probable cause: trapRateTooHigh (564)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects that the queue for traps that are to be mapped to alarms is full. Until queue space is available, the 5620 SAM drops traps that are to be mapped to alarms.		

Table 2-250 TrapRateThresholdExceeded

Alarm	Attributes	Supported releases
Name: TrapRateThresholdExceeded (412) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: trapRateGreaterThanConfigured (307)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the incoming SNMP trap rate is greater than the configured trap rate threshold.		

Table 2-251 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 9.0 R5
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 2-252 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 9.0 R5
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 2-253 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 2-254 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 2-255 TunnelDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 2-256 TunnelDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 2-257 TunnelElementInUseWarning

Alarm	Attributes	Supported releases
Name: TunnelElementInUseWarning (368) Type: configurationAlarm (11) Package: tunnelmgmt Raised on class: tunnelmgmt.TopologyRule	Severity: warning Implicitly cleared: false Default probable cause: tunnelElementInUse (264)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the 5620 SAM does not attempt to delete an obsolete or unused tunnel element because the element is in use by another object.		

Table 2-258 TwoPrimaryDatabase

Alarm	Attributes	Supported releases
Name: TwoPrimaryDatabase (202) Type: configurationAlarm (11) Package: db Raised on class: db.DatabaseManager	Severity: critical Implicitly cleared: true Default probable cause: twoPrimaryDatabase (156)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when the standby database initializes as a primary database because of a database failover. The alarm clears when the original primary database is operational as the new standby database.		

Table 2-259 TypeMismatch

Alarm	Attributes	Supported releases
Name: TypeMismatch (96) Type: configurationAlarm (11) Package: service Raised on class: service.Service	Severity: critical Implicitly cleared: true Default probable cause: serviceSiteTypeMisconfigured (82)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when a VLAN type for a Site doesn't match what has been configured on the Service.		
Raising condition: ('serviceTypeInconsistent' EQUAL 'true')		
Clearing condition: ('serviceTypeInconsistent' EQUAL 'false')		

Table 2-260 UnableDeleteArchivedLogs

Alarm	Attributes	Supported releases
Name: UnableDeleteArchivedLogs (200) Type: databaseAlarm (29) Package: db Raised on class: db.DatabaseManager	Severity: major Implicitly cleared: false Default probable cause: archivedLogsIssue (154)	<ul style="list-style-type: none">9.0 R5
Description: The alarm is raised when database disk space is low and the 5620 SAM is unable to delete the archive logs.		

Table 2-261 UndefinedSchedulerReference

Alarm	Attributes	Supported releases
Name: UndefinedSchedulerReference (118) Type: configurationAlarm (11) Package: vs Raised on class: vs.ServiceTypeDefinition	Severity: warning Implicitly cleared: true Default probable cause: undefinedSchedulerReference (101)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a queue specified in the access ingress or access egress policy of an L2 access interface is not referenced by the scheduler policy for the interface.		
Raising condition: (('numberReferences' > '0') AND ('numberOfDefinitions' EQUAL '0'))		
Clearing condition: (('numberReferences' EQUAL '0') OR ('numberOfDefinitions' > '0'))		

Table 2-262 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 2-263 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 2-264 UnsupportedNode

Alarm	Attributes	Supported releases
Name: UnsupportedNode (288) Type: configurationAlarm (11) Package: netw Raised on class: netw.Topology	Severity: warning Implicitly cleared: false Default probable cause: unsupportedNode (219)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when, during network discovery, the 5620 SAM detects an NE that uses an unsupported device software version. The alarm information includes the discovery rule ID and the IP address of the NE.		

Table 2-265 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 2-266 UserSuspended

Alarm	Attributes	Supported releases
Name: UserSuspended (1123) Type: communicationsAlarm (4) Package: security Raised on class: security.User	Severity: warning Implicitly cleared: true Default probable cause: multipleSecurityViolations (336)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a user account is suspended.		

Table 2-267 VlanUplinkDown

Alarm	Attributes	Supported releases
Name: VlanUplinkDown (1146) Type: VlanUplinkAlarm (89) Package: service Raised on class: service.VlanUplink	Severity: major Implicitly cleared: true Default probable cause: VlanUplinkDown (852)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when a VLAN uplink is operationally down.		
Raising condition: (('Aggregation Operational State' EQUAL 'Partially Down') OR ('Aggregation Operational State' EQUAL 'Down'))		
Clearing condition: (('Aggregation Operational State' NOT EQUAL 'Partially Down') AND ('Aggregation Operational State' NOT EQUAL 'Down'))		

Table 2-268 VlanUplinkNotCreated

Alarm	Attributes	Supported releases
Name: VlanUplinkNotCreated (1147) Type: VlanUplinkAlarm (89) Package: service Raised on class: service.Service	Severity: major Implicitly cleared: true Default probable cause: VlanUplinkNotCreated (853)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when an expected VLAN uplink does not exist.		

Table 2-269 WriteFileToDisk

Alarm	Attributes	Supported releases
Name: WriteFileToDisk (1940) Type: serverAlarm (94) Package: server Raised on class: server.SamServer	Severity: variable Implicitly cleared: false Default probable cause: diskSpaceIssue (153)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when SAM cannot write a file to disk.		

Table 2-270 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL 'TiMOS-B-3.0.Generic') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL 'TiMOS-B-3.0.Generic') AND ('Chassis Type' EQUAL '7701 CPAA'))		

Table 2-271 YellowAlarmThresholdReached

Alarm	Attributes	Supported releases
Name: YellowAlarmThresholdReached (245) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: tooManyAlarms (182)	<ul style="list-style-type: none"> 9.0 R5
Description: The alarm is raised when the number of outstanding 5620 SAM alarms reaches the yellow threshold. When this happens, the 5620 SAM discards non-critical alarms to keep the number below the threshold.		

3 — Alcatel-Lucent 1830 PSS alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter [32](#) for information about the alarm.

Table 3-1 AddPowercontrolfailure

Alarm	Attributes	Supported releases
Name: AddPowercontrolfailure (1968) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: MtceSurv (953)	All
Description: The alarm is raised when add power control fails.		

Table 3-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none">• 2.3.0• 2.5.0• 3.0.0• 3.5.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 3-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none">• 2.3.0• 2.5.0• 3.0.0• 3.5.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 3-4 AISLine

Alarm	Attributes	Supported releases
Name: AISLine (2902) Type: communicationAlarm (96) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: info Implicitly cleared: false Default probable cause: LossofSignal (1089)	All
Description: The alarm is raised when the sonet alarm indication occurs.		

Table 3-5 AllOutgoingChannelsMissing

Alarm	Attributes	Supported releases
Name: AllOutgoingChannelsMissing (1969) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: AllChanMiss (954)	All
Description: The alarm is raised when all outgoing channels are missing.		

Table 3-6 AmpDisabledOpticalPowerOverload

Alarm	Attributes	Supported releases
Name: AmpDisabledOpticalPowerOverload (1970) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: Ovrlld (955)	All
Description: The alarm is raised when the Amplifier is disabled and optical power overloaded.		

Table 3-7 AmpDisabledRaisedNotif

Alarm	Attributes	Supported releases
Name: AmpDisabledRaisedNotif (1971) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: AmpDisabled (956)	All
Description: The alarm is raised when an amplifier is disabled.		

Table 3-8 AmpGainHighNotif

Alarm	Attributes	Supported releases
Name: AmpGainHighNotif (1972) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: HiGain (957)	All
Description: The alarm is raised when the gain of an amplifier is too high.		

Table 3-9 AmpGainLowNotif

Alarm	Attributes	Supported releases
Name: AmpGainLowNotif (1973) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: LoGain (958)	All
Description: The alarm is raised when the gain of an amplifier is too low.		

Table 3-10 AmplInputHighNotif

Alarm	Attributes	Supported releases
Name: AmplInputHighNotif (1974) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: OprpWRHigh (959)	All
Description: The alarm is raised when the input signal of an amplifier is too strong.		

Table 3-11 AmplInputLowNotif

Alarm	Attributes	Supported releases
Name: AmplInputLowNotif (1975) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: false Default probable cause: OprpWRLow (960)	All
Description: The alarm is raised when the input signal of an amplifier is too weak.		

Table 3-12 AmpOutputPowerUnachievable

Alarm	Attributes	Supported releases
Name: AmpOutputPowerUnachievable (1976) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: OprUnachieve (961)	All
Description: The alarm is raised due to output power unachievable.		

Table 3-13 APRActive

Alarm	Attributes	Supported releases
Name: APRActive (1965) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: AprLine (950)	All
Description: The alarm is raised when APR is active.		

Table 3-14 AprInvalidTopo

Alarm	Attributes	Supported releases
Name: AprInvalidTopo (3332) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: APRINVALIDTOPO (1165)	All
Description: The alarm is raised when APR is active and reports an invalid topology.		

Table 3-15 AprNode

Alarm	Attributes	Supported releases
Name: AprNode (3333) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: APRNODE (1166)	All
Description: The alarm is raised when APR activates.		

Table 3-16 AprOsc

Alarm	Attributes	Supported releases
Name: AprOsc (3334) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: APROSC (1167)	All
Description: The alarm is raised when APR activates and reports an unavailable OSC.		

Table 3-17 AprSwitch

Alarm	Attributes	Supported releases
Name: AprSwitch (3335) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: APRSWITCH (1168)	All
Description: The alarm is raised when APR performs a port switch.		

Table 3-18 AprUnavail

Alarm	Attributes	Supported releases
Name: AprUnavail (3336) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: APRUNAVAIL (1169)	All
Description: The alarm is raised when APR is unavailable because a monitor card is initializing.		

Table 3-19 AprUnavailOsc

Alarm	Attributes	Supported releases
Name: AprUnavailOsc (3337) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: APRUNAVAILOSC (1170)	All
Description: The alarm is raised when APR is limited or unavailable because of an OSC SFP failure.		

Table 3-20 APSchannelMismatch

Alarm	Attributes	Supported releases
Name: APSchannelMismatch (1967) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: ApsCM (952)	All
Description: The alarm is raised when there is an APS channel mismatch.		

Table 3-21 APSModeMismatch

Alarm	Attributes	Supported releases
Name: APSModeMismatch (1966) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: ApsMismatch (951)	All
Description: The alarm is raised when there is an APS mode mismatch.		

Table 3-22 ApsSwitchedToWork

Alarm	Attributes	Supported releases
Name: ApsSwitchedToWork (1977) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: WkSwBk (962)	All
Description: The alarm is raised on Automatic switch to working.		

Table 3-23 ARCIInhibit

Alarm	Attributes	Supported releases
Name: ARCIInhibit (2886) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: true Default probable cause: ArcInd (1098)	All
Description: The alarm is raised due to indefinite inhibition mode of alarm report control.		

Table 3-24 AreaTypeMismatch

Alarm	Attributes	Supported releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none">• 2.3.0• 2.5.0• 3.0.0• 3.5.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		

Table 3-25 AutLaserOffDuetoUpstreamCondition

Alarm	Attributes	Supported releases
Name: AutLaserOffDuetoUpstreamCondition (1978) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: UpstreamFault (963)	All
Description: The alarm is raised when a laser shuts off automatically in response to an upstream fault condition.		

Table 3-26 AutomaticProtectionSwitchToProtection

Alarm	Attributes	Supported releases
Name: AutomaticProtectionSwitchToProtection (1979) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: WKSWPR (964)	All
Description: The alarm is raised when an automatic APS switch to the protection channel occurs.		

Table 3-27 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 3-28 B1SignalDegrade

Alarm	Attributes	Supported releases
Name: B1SignalDegrade (1980) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: B1Sd (965)	All
Description: The alarm is raised due to B1 signal degrade.		

Table 3-29 BackplaneBatteryOff

Alarm	Attributes	Supported releases
Name: BackplaneBatteryOff (1981) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: Pwr (966)	All
Description: The alarm is raised due to battery power at backplane voltage low.		

Table 3-30 BatteryOff

Alarm	Attributes	Supported releases
Name: BatteryOff (1982) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: Pwr (966)	All
Description: The alarm is raised due to battery off.		

Table 3-31 BatteryPowerAtBackPlaneOff

Alarm	Attributes	Supported releases
Name: BatteryPowerAtBackPlaneOff (1983) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: BatteryPowerAtBackPlaneOff (967)	All
Description: The alarm is raised when battery power is off at backplane.		

Table 3-32 BoardEqpt

Alarm	Attributes	Supported releases
Name: BoardEqpt (3338) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: BoardEqpt (1171)	All
Description: The alarm is raised when a card fails to initialize.		

Table 3-33 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none">• 2.3.0• 2.5.0• 3.0.0• 3.5.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 3-34 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 3-35 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 3-36 BothTimingModulesFailed

Alarm	Attributes	Supported releases
Name: BothTimingModulesFailed (1984) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: false Default probable cause: SyncClkFail (968)	All
Description: The alarm is raised due system timing synchronization both units failed.		

Table 3-37 CardAbnormalCondition

Alarm	Attributes	Supported releases
Name: CardAbnormalCondition (1985) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: info Implicitly cleared: true Default probable cause: cardMan (969)	All
Description: The alarm is raised when port/Card is in maintenance due to abnormal condition.		

Table 3-38 CardDegrade

Alarm	Attributes	Supported releases
Name: CardDegrade (1987) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: minor Implicitly cleared: true Default probable cause: EqptDgr (971)	All
Description: The alarm is raised when the card is degraded.		

Table 3-39 CardFailure

Alarm	Attributes	Supported releases
Name: CardFailure (1988) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: EQPT (972)	All
Description: The alarm is raised when the card fails to communicate.		

Table 3-40 CardInitializing

Alarm	Attributes	Supported releases
Name: CardInitializing (1989) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: info Implicitly cleared: true Default probable cause: CardInit (973)	All
Description: The alarm is raised when the card is initializing.		

Table 3-41 CardMismatch

Alarm	Attributes	Supported releases
Name: CardMismatch (1160) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: CardMismatch (863)	All
Description: The alarm is raised when there is a mismatch between the provisioned and actual card types.		

Table 3-42 CardMissing

Alarm	Attributes	Supported releases
Name: CardMissing (1990) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: ReplUnitMiss (974)	All
Description: The alarm is raised when the card is missing from the slot.		

Table 3-43 CardNotAllowed

Alarm	Attributes	Supported releases
Name: CardNotAllowed (1991) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: CardNotAllowed (975)	All
Description: The alarm is raised due to card not allowed.		

Table 3-44 CardProvisioningFailure

Alarm	Attributes	Supported releases
Name: CardProvisioningFailure (1992) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: true Default probable cause: DataFlt (976)	All
Description: The alarm is raised when a card provisioning error is detected.		

Table 3-45 CardSanityFailure

Alarm	Attributes	Supported releases
Name: CardSanityFailure (1993) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: CardSanity (977)	All
Description: The alarm is raised due to card Sanity failure.		

Table 3-46 cardTemperatureAboveOperatingThreshold

Alarm	Attributes	Supported releases
Name: cardTemperatureAboveOperatingThreshold (1178) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.CardSlot	Severity: minor Implicitly cleared: true Default probable cause: IntTempHigh (1095)	All
Description: The alarm is raised when the temperature of the card raises above the operating threshold.		

Table 3-47 cardTemperatureBelowOperatingThreshold

Alarm	Attributes	Supported releases
Name: cardTemperatureBelowOperatingThreshold (1179) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.CardSlot	Severity: minor Implicitly cleared: true Default probable cause: IntTempLow (1096)	All
Description: The alarm is raised when the temperature of a card falls below the operating threshold.		

Table 3-48 CardUnknown

Alarm	Attributes	Supported releases
Name: CardUnknown (1994) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: Unknown (978)	All
Description: The alarm is raised when the software version mismatches.		

Table 3-49 ChannelPDI

Alarm	Attributes	Supported releases
Name: ChannelPDI (1995) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: ChannelPDI (979)	All
Description: The alarm is raised when a PDI occurs on an optical channel.		

Table 3-50 ChannelPowerUnstable

Alarm	Attributes	Supported releases
Name: ChannelPowerUnstable (1996) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: OprUnachieve (961)	All
Description: The alarm is raised when the optical power on a channel is unstable.		

Table 3-51 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 3-52 ClockRedundancy

Alarm	Attributes	Supported releases
Name: ClockRedundancy (1997) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: true Default probable cause: SyncSys (980)	All
Description: The alarm is raised due to loss of clock redundancy in system time.		

Table 3-53 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 3-54 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 3-55 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 3-56 ControlCardRedundancyCompromised

Alarm	Attributes	Supported releases
Name: ControlCardRedundancyCompromised (1998) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.Shelf	Severity: minor Implicitly cleared: false Default probable cause: SwEqpt (981)	All
Description: The alarm is raised when control card redundancy is compromised.		

Table 3-57 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 3-58 DatabaseFileTransportFailure

Alarm	Attributes	Supported releases
Name: DatabaseFileTransportFailure (2887) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: DbFt (1099)	All
Description: The alarm is raised when a database file transport operation fails.		

Table 3-59 DatabaseLocalCopyCreationfail

Alarm	Attributes	Supported releases
Name: DatabaseLocalCopyCreationfail (2888) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: DbFl (1100)	All
Description: The alarm is raised when the creation of a local database copy fails.		

Table 3-60 DatabaseSyncFailed

Alarm	Attributes	Supported releases
Name: DatabaseSyncFailed (2889) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: DBMemtrf (1101)	All
Description: The alarm is raised when database synchronization fails.		

Table 3-61 DataError

Alarm	Attributes	Supported releases
Name: DataError (2000) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: true Default probable cause: DataErr (983)	All
Description: The alarm is raised due to dataerror.		

Table 3-62 DbnotSyncd

Alarm	Attributes	Supported releases
Name: DbnotSyncd (2890) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: true Default probable cause: DbUnSync (1102)	All
Description: The alarm is raised due to active and standby main EC databases are not sync.		

Table 3-63 DCMInputLOS

Alarm	Attributes	Supported releases
Name: DCMInputLOS (1999) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: LosDcm (982)	All
Description: The alarm is raised when a DCM raises an input LOS indication.		

Table 3-64 DiagnosticTerminalLoopbackActive

Alarm	Attributes	Supported releases
Name: DiagnosticTerminalLoopbackActive (2001) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: LpbkTerm (984)	All
Description: The alarm is raised when a terminal diagnostic loopback is active.		

Table 3-65 DiscoveredPhysicalLinkMismatch

Alarm	Attributes	Supported releases
Name: DiscoveredPhysicalLinkMismatch (657) Type: configurationAlarm (11) Package: netw Raised on class: netw.AbstractPhysicalLink	Severity: warning Implicitly cleared: true Default probable cause: endPointUsedByNumerousLinks (488)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when one endpoint of a physical link is used as an endpoint in another physical link.		
Raising condition: ('physicalLinkMismatchConfigured' EQUAL 'true')		
Clearing condition: ('physicalLinkMismatchConfigured' EQUAL 'false')		

Table 3-66 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 3-67 DuplicatePhysicalLinks

Alarm	Attributes	Supported releases
Name: DuplicatePhysicalLinks (658) Type: configurationAlarm (11) Package: netw Raised on class: netw.AbstractPhysicalLink	Severity: minor Implicitly cleared: true Default probable cause: duplicatePhysicalLinkConfigured (489)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when there is more then one physical link configured between two endpoints.		
Raising condition: ('duplicateLinkConfigured' EQUAL 'true')		
Clearing condition: ('duplicateLinkConfigured' EQUAL 'false')		

Table 3-68 DupOCHTrailName

Alarm	Attributes	Supported releases
Name: DupOCHTrailName (2002) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: OchTrailDup (985)	All
Description: The alarm is raised when duplicate och trail names are present.		

Table 3-69 DupWaveKey

Alarm	Attributes	Supported releases
Name: DupWaveKey (2003) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: OchKeyDup (986)	All
Description: The alarm is raised when there is a duplicate wave key.		

Table 3-70 DwAlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: DwAlarmIndicationSignal (2004) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: DwAIS (987)	All
Description: The alarm is raised due to alarm indication signal.		

Table 3-71 DwSignalFailure

Alarm	Attributes	Supported releases
Name: DwSignalFailure (2005) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: sf (988)	All
Description: The alarm is raised due to bit error signal fails.		

Table 3-72 E1AisEgr

Alarm	Attributes	Supported releases
Name: E1AisEgr (3339) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: E1AisEgr (1172)	All
Description: The alarm is raised when an E1 egress AIS is detected.		

Table 3-73 E1AisL

Alarm	Attributes	Supported releases
Name: E1AisL (3340) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: E1AisL (1173)	All
Description: The alarm is raised when an E1 AIS is detected.		

Table 3-74 E1Lof

Alarm	Attributes	Supported releases
Name: E1Lof (3341) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: E1Lof (1174)	All
Description: The alarm is raised when an E1 LOF is detected.		

Table 3-75 E1LofEgr

Alarm	Attributes	Supported releases
Name: E1LofEgr (3342) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: E1LofEgr (1175)	All
Description: The alarm is raised when an E1 egress LOF is detected.		

Table 3-76 E1Los

Alarm	Attributes	Supported releases
Name: E1Los (3343) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: E1Los (1176)	All
Description: The alarm is raised when an E1 LOS is detected.		

Table 3-77 E1NoCRC4M

Alarm	Attributes	Supported releases
Name: E1NoCRC4M (3344) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: E1NoCRC4M (1177)	All
Description: The alarm is raised when no E1 CRC4 M is present.		

Table 3-78 E1NoCRC4MEgr

Alarm	Attributes	Supported releases
Name: E1NoCRC4MEgr (3345) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: E1NoCRC4MEgr (1178)	All
Description: The alarm is raised when no E1 egress CRC4 M is present.		

Table 3-79 E1Rai

Alarm	Attributes	Supported releases
Name: E1Rai (3346) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: E1Rai (1179)	All
Description: The alarm is raised when an E1 RAI is detected.		

Table 3-80 E1RaiEgr

Alarm	Attributes	Supported releases
Name: E1RaiEgr (3347) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: E1RaiEgr (1180)	All
Description: The alarm is raised when an E1 egress RAI is detected.		

Table 3-81 Ebero

Alarm	Attributes	Supported releases
Name: Ebero (3348) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: EBERO (1181)	All
Description: The alarm is raised when an OSC has an excessive BER.		

Table 3-82 EgressLossofFrame

Alarm	Attributes	Supported releases
Name: EgressLossofFrame (2006) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: LOFEgr (989)	All
Description: The alarm is raised when the egress loss of frame occurs.		

Table 3-83 EncapsulationFailure

Alarm	Attributes	Supported releases
Name: EncapsulationFailure (2007) Type: encapsulationAlarm (95) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: FecFail (990)	All
Description: The alarm is raised due to encapsulation failure.		

Table 3-84 EnvironmentInputActive

Alarm	Attributes	Supported releases
Name: EnvironmentInputActive (2008) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: minor Implicitly cleared: true Default probable cause: EnvInputActive (991)	All
Description: The alarm is raised due to environmental input active.		

Table 3-85 EqptDgrOch

Alarm	Attributes	Supported releases
Name: EqptDgrOch (3349) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: EqptDgrOch (1182)	All
Description: The alarm is raised when a channel fails because of a wavelength tracker communication failure.		

Table 3-86 EqptDgrOchOut

Alarm	Attributes	Supported releases
Name: EqptDgrOchOut (3350) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: EqptDgrOchOut (1183)	All
Description: The alarm is raised when a channel fails because of a wavelength tracker communication failure.		

Table 3-87 EqptPort

Alarm	Attributes	Supported releases
Name: EqptPort (3351) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: EqptPort (1184)	All
Description: The alarm is raised when a device port failure is detected.		

Table 3-88 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 3-89 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 3-90 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 3-91 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 3-92 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 3-93 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 3-94 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 3-95 EthernetLinkDown

Alarm	Attributes	Supported releases
Name: EthernetLinkDown (2009) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: LinkDown (992)	All
Description: The alarm is raised when an Ethernet link is operationally down.		

Table 3-96 EtrMismatches

Alarm	Attributes	Supported releases
Name: EtrMismatches (2010) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: true Default probable cause: EtrMismatch (993)	All
Description: The alarm is raised due to extended temperature range voilation.		

Table 3-97 EtrMismatchMod

Alarm	Attributes	Supported releases
Name: EtrMismatchMod (3353) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: ETRMISMATCHMOD (1186)	All
Description: The alarm is raised when an extended temperature range violation is detected in a non-ETR pluggable module.		

Table 3-98 ExcessiveBER

Alarm	Attributes	Supported releases
Name: ExcessiveBER (2903) Type: communicationAlarm (96) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: critical Implicitly cleared: false Default probable cause: LossofSignal (1089)	All
Description: The alarm is raised when the sonet signal fails.		

Table 3-99 ExcessiveCurrentLoad

Alarm	Attributes	Supported releases
Name: ExcessiveCurrentLoad (2011) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: ExcessLoad (994)	All
Description: The alarm is raised when the card would exceed shelf amperage limit.		

Table 3-100 ExcessLoss

Alarm	Attributes	Supported releases
Name: ExcessLoss (3354) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: ExcessLoss (1187)	All
Description: The alarm is raised when the fiber connection loss is excessive.		

Table 3-101 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none">• 2.3.0• 2.5.0• 3.0.0• 3.5.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 3-102 FanSpeedHigh

Alarm	Attributes	Supported releases
Name: FanSpeedHigh (3356) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: FanSpeedHigh (1189)	All
Description: The alarm is raised when the fan speed is too high.		

Table 3-103 FanSpeedLow

Alarm	Attributes	Supported releases
Name: FanSpeedLow (3357) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: FanSpeedLow (1190)	All
Description: The alarm is raised when the fan speed is too low.		

Table 3-104 FanSpeedMan

Alarm	Attributes	Supported releases
Name: FanSpeedMan (2012) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: false Default probable cause: FanSpeedMan (995)	All
Description: The alarm is raised due to fan speed manually set to maximum.		

Table 3-105 FanSpeedTooHigh

Alarm	Attributes	Supported releases
Name: FanSpeedTooHigh (2013) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: false Default probable cause: fanSpeedHigh (996)	All
Description: The alarm is raised when the speed of a fan is too high.		

Table 3-106 FanSpeedTooLow

Alarm	Attributes	Supported releases
Name: FanSpeedTooLow (2014) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: false Default probable cause: fanSpeedLow (997)	All
Description: The alarm is raised when the speed of a fan is too low.		

Table 3-107 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none">• 2.3.0• 2.5.0• 3.0.0• 3.5.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 3-108 FarEndLocalFault

Alarm	Attributes	Supported releases
Name: FarEndLocalFault (2015) Type: communicationAlarm (96) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: FELanLFI (998)	All
Description: The alarm is raised when a far-end system detects a local fault.		

Table 3-109 FarEndLos

Alarm	Attributes	Supported releases
Name: FarEndLos (2016) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: FELOS (999)	All
Description: The alarm is raised Far End Loss of Signal.		

Table 3-110 FarEndLossOfSignal

Alarm	Attributes	Supported releases
Name: FarEndLossOfSignal (2017) Type: communicationAlarm (96) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: false Default probable cause: FELANLOS (1000)	All
Description: The alarm is raised when a far-end system detects an LOS.		

Table 3-111 FarEndPortMappingMismatch

Alarm	Attributes	Supported releases
Name: FarEndPortMappingMismatch (2018) Type: communicationAlarm (96) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: FEPortMismatch (1001)	All
Description: The alarm is raised when a far-end system detects a port mapping mismatch.		

Table 3-112 FarEndProtLineFail

Alarm	Attributes	Supported releases
Name: FarEndProtLineFail (2019) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: FePrLf (1002)	All
Description: The alarm is raised due to far end protection line failure.		

Table 3-113 FarEndRemoteFault

Alarm	Attributes	Supported releases
Name: FarEndRemoteFault (2020) Type: communicationAlarm (96) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: FeLanRfi (1003)	All
Description: The alarm is raised when a far-end system sends an RFI.		

Table 3-114 FDI

Alarm	Attributes	Supported releases
Name: FDI (3355) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: FDI (1188)	All
Description: The alarm is raised when an FDI is detected.		

Table 3-115 FecEcSignalDegrade

Alarm	Attributes	Supported releases
Name: FecEcSignalDegrade (2021) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: FecEcSdeg (1004)	All
Description: The alarm is raised on PreFEC Signal Degrade.		

Table 3-116 FecUbcSignalDegrade

Alarm	Attributes	Supported releases
Name: FecUbcSignalDegrade (3358) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: fecUbcSd (1191)	All
Description: The alarm is raised when a post-FEC signal is degraded.		

Table 3-117 FirmwarePendingObsolete

Alarm	Attributes	Supported releases
Name: FirmwarePendingObsolete (2022) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: info Implicitly cleared: true Default probable cause: FwPendingObsolete (1005)	All
Description: The alarm is raised due to provisioned firmware will be obsolete after sw upgrade.		

Table 3-118 FirmwareUpgradePending

Alarm	Attributes	Supported releases
Name: FirmwareUpgradePending (2023) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: info Implicitly cleared: true Default probable cause: FwUpgradePending (1006)	All
Description: The alarm is raised due to pending upgarde firmware.		

Table 3-119 FirmwareVersionNotDefault

Alarm	Attributes	Supported releases
Name: FirmwareVersionNotDefault (2024) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: info Implicitly cleared: true Default probable cause: FwVersionNotDefault (1007)	All
Description: The alarm is raised due to incorrect version of firmware.		

Table 3-120 ForcedSwitchingToProtection

Alarm	Attributes	Supported releases
Name: ForcedSwitchingToProtection (2025) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: FrcdWKS WPR (1008)	All
Description: The alarm is raised when forced switching takes place to Protection.		

Table 3-121 ForcedSwitchingToWorking

Alarm	Attributes	Supported releases
Name: ForcedSwitchingToWorking (2026) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: FrcdWKSwbk (1009)	All
Description: The alarm is raised when a forced switch to the working APS channel occurs.		

Table 3-122 FpgaFailed

Alarm	Attributes	Supported releases
Name: FpgaFailed (2027) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: FpgaFail (1010)	All
Description: The alarm is raised due FPGA fails.		

Table 3-123 FpgaInitialization

Alarm	Attributes	Supported releases
Name: FpgaInitialization (2028) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: FpgaInit (1011)	All
Description: The alarm is raised due FPGA initialization.		

Table 3-124 FpgaTimeout

Alarm	Attributes	Supported releases
Name: FpgaTimeout (2029) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: FpgaTimeout (1012)	All
Description: The alarm is raised due FPGA times out.		

Table 3-125 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 3-126 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteegsn Raised on class: lteegsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 3-127 GFPLossofFrameDelineation

Alarm	Attributes	Supported releases
Name: GFPLossofFrameDelineation (2030) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: LFD (1013)	All
Description: The alarm is raised when a GFP raises an LFD.		

Table 3-128 GFPUserPayloadMismatch

Alarm	Attributes	Supported releases
Name: GFPUserPayloadMismatch (2031) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: UPM (1014)	All
Description: The alarm is raised when a GFP user payload mismatch is detected.		

Table 3-129 HighBER (equipment)

Alarm	Attributes	Supported releases
Name: HighBER (682) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: HiBER (1015)	All
Description: The alarm is raised when BER is high.		

Table 3-130 HwRevisionNotSupported

Alarm	Attributes	Supported releases
Name: HwRevisionNotSupported (2032) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: true Default probable cause: Hwnotsupported (1016)	All
Description: The alarm is raised due to hardware not supported for current configuration.		

Table 3-131 IncomingSupvyLOF

Alarm	Attributes	Supported releases
Name: IncomingSupvyLOF (2033) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: LOF (1017)	All
Description: The alarm is raised when Incoming SUPVY detects an LOF.		

Table 3-132 IncomingSupvyLOS

Alarm	Attributes	Supported releases
Name: IncomingSupvyLOS (2034) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: LOS (1018)	All
Description: The alarm is raised when Incoming SUPVY detects LOS.		

Table 3-133 IncompatFan

Alarm	Attributes	Supported releases
Name: IncompatFan (3359) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: minor Implicitly cleared: true Default probable cause: IncompatFan (1192)	All
Description: The alarm is raised when an incompatible fan is detected.		

Table 3-134 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 3-135 InputVoltageUnstable

Alarm	Attributes	Supported releases
Name: InputVoltageUnstable (2035) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: VoltageUnstable (1019)	All
Description: The alarm is raised when the input voltage is unstable.		

Table 3-136 InterCardCommsFailure

Alarm	Attributes	Supported releases
Name: InterCardCommsFailure (2036) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: ContCom (1020)	All
Description: The alarm is raised when the card fails to communicate.		

Table 3-137 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 3-138 InterShelfLossofCommunication

Alarm	Attributes	Supported releases
Name: InterShelfLossofCommunication (2037) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: false Default probable cause: ShelfContCom (1021)	All
Description: The alarm is raised when control card redundancy is compromised.		

Table 3-139 Intrusion

Alarm	Attributes	Supported releases
Name: Intrusion (3601) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: Intrusion (1390)	All
Description: The alarm is raised when the number of invalid login attempts is excessive.		

Table 3-140 IntTempHigh

Alarm	Attributes	Supported releases
Name: IntTempHigh (3360) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: minor Implicitly cleared: true Default probable cause: IntTempHigh (1095)	All
Description: The alarm is raised when a card reports an over-temperature condition.		

Table 3-141 IntTempLow

Alarm	Attributes	Supported releases
Name: IntTempLow (3361) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: minor Implicitly cleared: true Default probable cause: IntTempLow (1096)	All
Description: The alarm is raised when a card reports an under-temperature condition.		

Table 3-142 IntTempOpt

Alarm	Attributes	Supported releases
Name: IntTempOpt (3362) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: minor Implicitly cleared: true Default probable cause: IntTempOpt (1047)	All
Description: The alarm is raised when an optical module reports an over-temperature condition.		

Table 3-143 InvalidDatabase

Alarm	Attributes	Supported releases
Name: InvalidDatabase (2891) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: DbInvalid (1103)	All
Description: The alarm is raised when a database is invalid.		

Table 3-144 InvalidEgress

Alarm	Attributes	Supported releases
Name: InvalidEgress (3363) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: InvalidEgress (1193)	All
Description: The alarm is raised when an egress port is invalid or undefined.		

Table 3-145 InvalidThreshold

Alarm	Attributes	Supported releases
Name: InvalidThreshold (2038) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: InvalidThreshold (1022)	All
Description: The alarm is raised due to Invalid Threshold.		

Table 3-146 InvalidThresholdOms

Alarm	Attributes	Supported releases
Name: InvalidThresholdOms (3364) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: InvalidThresholdOms (1194)	All
Description: The alarm is raised when an OMS threshold is invalid.		

Table 3-147 InvalidThresholdOts

Alarm	Attributes	Supported releases
Name: InvalidThresholdOts (3365) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: InvalidThresholdOts (1195)	All
Description: The alarm is raised when an OTS threshold is invalid.		

Table 3-148 InvalidTopology

Alarm	Attributes	Supported releases
Name: InvalidTopology (2892) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: InvalidTopo (1104)	All
Description: The alarm is raised when topology has misconfigured.		

Table 3-149 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 3-150 LaserBackFacetOptPwrTca

Alarm	Attributes	Supported releases
Name: LaserBackFacetOptPwrTca (3366) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: LaserBackFacetOptPwrTca (1196)	All
Description: The alarm is raised when the laser back-facet optical power crosses a threshold.		

Table 3-151 LaserCoolingCurTca

Alarm	Attributes	Supported releases
Name: LaserCoolingCurTca (3367) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: LaserCoolingCurTca (1197)	All
Description: The alarm is raised when the laser cooling current crosses a threshold.		

Table 3-152 LaserEndOfLife

Alarm	Attributes	Supported releases
Name: LaserEndOfLife (2039) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: LaserEOL (1023)	All
Description: The alarm is raised Laser end of life.		

Table 3-153 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 3-154 LineLoopbackActive

Alarm	Attributes	Supported releases
Name: LineLoopbackActive (2040) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: LpbkLine (1024)	All
Description: The alarm is raised when a line loopback is active.		

Table 3-155 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 3-156 Loam

Alarm	Attributes	Supported releases
Name: Loam (3368) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: LOAM (1198)	All
Description: The alarm is raised when an LOA marker lock occurs.		

Table 3-157 LocalFault

Alarm	Attributes	Supported releases
Name: LocalFault (2041) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: LanLfi (1025)	All
Description: The alarm is raised when a local fault occurs.		

Table 3-158 LosOcm

Alarm	Attributes	Supported releases
Name: LosOcm (3370) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: LosOcm (1200)	All
Description: The alarm is raised when a WTOCM receives an input LOS.		

Table 3-159 LosOms

Alarm	Attributes	Supported releases
Name: LosOms (3371) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: LosOms (1201)	All
Description: The alarm is raised when an OMS incoming payload LOS is detected.		

Table 3-160 LosOOOut

Alarm	Attributes	Supported releases
Name: LosOOOut (3369) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: LOSOOUT (1199)	All
Description: The alarm is raised when an optical supervisory card reports an outgoing LOS.		

Table 3-161 LosOts

Alarm	Attributes	Supported releases
Name: LosOts (3372) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: LosOts (1202)	All
Description: The alarm is raised when an OTS incoming payload LOS is detected.		

Table 3-162 LossOfClock (equipment)

Alarm	Attributes	Supported releases
Name: LossOfClock (83) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: LostClock (1026)	All
Description: The alarm is raised due to loss of clock.		

Table 3-163 LossofFrame

Alarm	Attributes	Supported releases
Name: LossofFrame (2043) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: LOF (1017)	All
Description: The alarm is raised when the loss of frame occurs.		

Table 3-164 LossofSignal

Alarm	Attributes	Supported releases
Name: LossofSignal (2044) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: LOS (1018)	All
Description: The alarm is raised when the loss of signal occurs.		

Table 3-165 LossofSynchronization

Alarm	Attributes	Supported releases
Name: LossofSynchronization (2045) Type: communicationAlarm (96) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: FeLanLss (1028)	All
Description: The alarm is raised when a far-end system detects a loss of synchronization.		

Table 3-166 LossTooHigh

Alarm	Attributes	Supported releases
Name: LossTooHigh (3373) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: OprLossHigh (1044)	All
Description: The alarm is raised when the optical loss is above the operational range.		

Table 3-167 LossTooLow

Alarm	Attributes	Supported releases
Name: LossTooLow (2042) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: OprLossLow (1027)	All
Description: The alarm is raised when the optical loss is below the operational range.		

Table 3-168 LostBothClks

Alarm	Attributes	Supported releases
Name: LostBothClks (2046) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: SyncSysOos (1029)	All
Description: The alarm is raised due to using of local oscillator for system time..		

Table 3-169 LostPri

Alarm	Attributes	Supported releases
Name: LostPri (2047) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: minor Implicitly cleared: true Default probable cause: Sync (1030)	All
Description: The alarm is raised due to loss of primary line.		

Table 3-170 LostReference

Alarm	Attributes	Supported releases
Name: LostReference (2893) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: sync (1105)	All
Description: The alarm is raised due to lost of redundant reference of system time.		

Table 3-171 LostSec

Alarm	Attributes	Supported releases
Name: LostSec (2048) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: minor Implicitly cleared: true Default probable cause: Sync (1030)	All
Description: The alarm is raised due to loss of secondary line.		

Table 3-172 LostTimingReferences

Alarm	Attributes	Supported releases
Name: LostTimingReferences (2894) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: SyncOos (1106)	All
Description: The alarm is raised due to lost of references of system time.		

Table 3-173 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none">• 2.3.0• 2.5.0• 3.0.0• 3.5.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 3-174 ManualProtectionSwitchToProtection

Alarm	Attributes	Supported releases
Name: ManualProtectionSwitchToProtection (2049) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: ManWKSWPR (1031)	All
Description: The alarm is raised when a manual APS switch to the protection channel occurs.		

Table 3-175 ManualProtectionSwitchToWorking

Alarm	Attributes	Supported releases
Name: ManualProtectionSwitchToWorking (2050) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: ManWKSWbk (1032)	All
Description: The alarm is raised when a manual APS switch to the working channel occurs.		

Table 3-176 MismatchFiber

Alarm	Attributes	Supported releases
Name: MismatchFiber (3374) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: MismatchFiber (1203)	All
Description: The alarm is raised when a mismatched fiber connection is detected.		

Table 3-177 MissingWaveKeyRaised

Alarm	Attributes	Supported releases
Name: MissingWaveKeyRaised (3375) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: LosOut (1204)	All
Description: The alarm is raised when fiber link gets cut/disconnected.		

Table 3-178 MixedPFUsed

Alarm	Attributes	Supported releases
Name: MixedPFUsed (3376) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: true Default probable cause: MixedPFUsed (1205)	All
Description: The alarm is raised when mixed types of power filters are in use.		

Table 3-179 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 3-180 ModulatorOutputPowerOutOfRange

Alarm	Attributes	Supported releases
Name: ModulatorOutputPowerOutOfRange (2051) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: ModOutOfRange (1033)	All
Description: The alarm is raised on Modulator Output Power OutOfRange.		

Table 3-181 MonitorFailure

Alarm	Attributes	Supported releases
Name: MonitorFailure (2052) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: minor Implicitly cleared: true Default probable cause: Mismatch (1034)	All
Description: The alarm is raised due to card degrade.		

Table 3-182 Msim

Alarm	Attributes	Supported releases
Name: Msim (3377) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: Msim (1206)	All
Description: The alarm is raised when a multiplex structure identifier mismatch is detected.		

Table 3-183 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		

Table 3-184 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 3-185 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 3-186 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 3-187 NTPServerNotReachable

Alarm	Attributes	Supported releases
Name: NTPServerNotReachable (2896) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: NTPooSync (1107)	All
Description: The alarm is raised when the network timing protocol is out of sync.		

Table 3-188 OaPumpBiasCurrHigh

Alarm	Attributes	Supported releases
Name: OaPumpBiasCurrHigh (2061) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: true Default probable cause: OaPumpBiasCurrHigh (1042)	All
Description: The alarm is raised due to optical amplifier pum laser bias current high.		

Table 3-189 OaPumpTempHigh

Alarm	Attributes	Supported releases
Name: OaPumpTempHigh (2062) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: true Default probable cause: OaPumpTempHigh (1043)	All
Description: The alarm is raised due to optical amplifier pump laser temperature high.		

Table 3-190 OduAis

Alarm	Attributes	Supported releases
Name: OduAis (3379) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: OduAis (1208)	All
Description: The alarm is raised when an ODU reports an AIS.		

Table 3-191 OduAisEgress

Alarm	Attributes	Supported releases
Name: OduAisEgress (3380) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: OduAisEgress (1209)	All
Description: The alarm is raised when an ODU reports an egress AIS.		

Table 3-192 ODUBackwardDefectIndication

Alarm	Attributes	Supported releases
Name: ODUBackwardDefectIndication (2053) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: BDI (1035)	All
Description: The alarm is raised when a BDI is received.		

Table 3-193 ODUEgressLocked

Alarm	Attributes	Supported releases
Name: ODUEgressLocked (2054) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: Locked (1036)	All
Description: The alarm is raised when an ODU is locked.		

Table 3-194 ODUEgressSignalDegrade

Alarm	Attributes	Supported releases
Name: ODUEgressSignalDegrade (2055) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: SgnlDegrade (1037)	All
Description: The alarm is raised when signal degradation is detected.		

Table 3-195 ODUOpenConnectionIndication

Alarm	Attributes	Supported releases
Name: ODUOpenConnectionIndication (2056) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: OCI (1038)	All
Description: The alarm is raised when an ODU detects an OCI.		

Table 3-196 ODUPayloadMismatchIndication

Alarm	Attributes	Supported releases
Name: ODUPayloadMismatchIndication (2057) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: PayloadMismatch (1039)	All
Description: The alarm is raised when an ODU detects a payload mismatch.		

Table 3-197 OperationLossRangeHigh

Alarm	Attributes	Supported releases
Name: OperationLossRangeHigh (2063) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: OprLossHigh (1044)	All
Description: The alarm is raised when the operational loss range too high.		

Table 3-198 oprLossTooLow

Alarm	Attributes	Supported releases
Name: oprLossTooLow (3556) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: OprLossLow (1027)	All
Description: The alarm is raised due to out of operational range loss too low.		

Table 3-199 OprPwrHigh

Alarm	Attributes	Supported releases
Name: OprPwrHigh (3381) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: OprPwrHigh (1210)	All
Description: The alarm is raised when the operational input power is too high.		

Table 3-200 OprPwrLow

Alarm	Attributes	Supported releases
Name: OprPwrLow (3382) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: OprPwrLow (1211)	All
Description: The alarm is raised when the operational input power is too low.		

Table 3-201 OprTx

Alarm	Attributes	Supported releases
Name: OprTx (3383) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: OprTx (1212)	All
Description: The alarm is raised when the power on an optical channel is unstable.		

Table 3-202 OpticalPowerReceivedOutOfRange

Alarm	Attributes	Supported releases
Name: OpticalPowerReceivedOutOfRange (2064) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: OprOutOfRange (1045)	All
Description: The alarm is raised on Optical power received out of range.		

Table 3-203 OpticsModuleMismatch

Alarm	Attributes	Supported releases
Name: OpticsModuleMismatch (2065) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: MismatchMod (1046)	All
Description: The alarm is raised when there is a mismatch between the provisioned and actual optical module types.		

Table 3-204 OpticsModuleUnknown

Alarm	Attributes	Supported releases
Name: OpticsModuleUnknown (3386) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: UnknownMod (1215)	All
Description: The alarm is raised when there is a mismatch between the provisioned and actual optical module types.		

Table 3-205 OpticsOverTemperature

Alarm	Attributes	Supported releases
Name: OpticsOverTemperature (2066) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: minor Implicitly cleared: true Default probable cause: IntTempOpt (1047)	All
Description: The alarm is raised when the optics is above operational temperature.		

Table 3-206 OptIntDet

Alarm	Attributes	Supported releases
Name: OptIntDet (3384) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: OptIntDet (1213)	All
Description: The alarm is raised when an optical intrusion is detected.		

Table 3-207 OptIntSusp

Alarm	Attributes	Supported releases
Name: OptIntSusp (3385) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: OptIntSusp (1214)	All
Description: The alarm is raised when optical intrusion monitoring is suspended.		

Table 3-208 OSPFADJ

Alarm	Attributes	Supported releases
Name: OSPFADJ (3378) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: OSPFADJ (1207)	All
Description: The alarm is raised when an OSPF adjacency is not a full adjacency.		

Table 3-209 OspfInterfaceDown

Alarm	Attributes	Supported releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		

Table 3-210 OtuAisAlarm

Alarm	Attributes	Supported releases
Name: OtuAisAlarm (2067) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: OtuAIS (1048)	All
Description: The alarm is raised due to trnasmit laser off.		

Table 3-211 OTULossofFrame

Alarm	Attributes	Supported releases
Name: OTULossofFrame (2058) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: LOF (1017)	All
Description: The alarm is raised when an OTU LOF signal is detected.		

Table 3-212 OTULossofMultiFrame

Alarm	Attributes	Supported releases
Name: OTULossofMultiFrame (2059) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: LOM (1040)	All
Description: The alarm is raised when an OTU LOM signal is detected.		

Table 3-213 OTUServerSignalFailure

Alarm	Attributes	Supported releases
Name: OTUServerSignalFailure (2060) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: ssf (1041)	All
Description: The alarm is raised when an OTU server signal failure occurs.		

Table 3-214 OutgoingChannelPowerOutOfRange

Alarm	Attributes	Supported releases
Name: OutgoingChannelPowerOutOfRange (2068) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: OpwrOutOfRange (1049)	All
Description: The alarm is raised when the optical power of a channel is out of range.		

Table 3-215 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 3-216 PCSGeneratorActive

Alarm	Attributes	Supported releases
Name: PCSGeneratorActive (3387) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: PCSGeneratorActive (1216)	All
Description: The alarm is raised when the PCS generator activates.		

Table 3-217 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 3-218 PhysicalLinkPortsMisconfigured

Alarm	Attributes	Supported releases
Name: PhysicalLinkPortsMisconfigured (239) Type: configurationAlarm (11) Package: netw Raised on class: netw.AbstractPhysicalLink	Severity: minor Implicitly cleared: true Default probable cause: physicalLinkPortsMisconfigured (181)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when there is an MTU size mismatch between a link endpoint and a port. The alarm clears when the MTUs match.		
Raising condition: ('physicalLinkMisconfigured' EQUAL 'true')		
Clearing condition: ('physicalLinkMisconfigured' EQUAL 'false')		

Table 3-219 PluggableModuleSeepFailure

Alarm	Attributes	Supported releases
Name: PluggableModuleSeepFailure (2069) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: FactTermDev (1050)	All
Description: The alarm is raised when an SFP module fails.		

Table 3-220 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 3-221 PortFailure

Alarm	Attributes	Supported releases
Name: PortFailure (2070) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: EquipPort (1051)	All
Description: The alarm is raised when the port failure occurs.		

Table 3-222 PortTransmissionDegrade

Alarm	Attributes	Supported releases
Name: PortTransmissionDegrade (2071) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: LsrOutDgr (1052)	All
Description: The alarm is raised due to port transmit degrade.		

Table 3-223 PortTransmissionFailure

Alarm	Attributes	Supported releases
Name: PortTransmissionFailure (3388) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: Trmt (1217)	All
Description: The alarm is raised when the port Transmission failure occurs.		

Table 3-224 PowerAdjustmentFailure

Alarm	Attributes	Supported releases
Name: PowerAdjustmentFailure (2072) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: PwrAdjFail (1053)	All
Description: The alarm is raised when the power adjustment fails.		

Table 3-225 PowerAdjustmentRequired

Alarm	Attributes	Supported releases
Name: PowerAdjustmentRequired (2073) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: false Default probable cause: PwrAdjReq (1054)	All
Description: The alarm is raised when the power adjustment requires.		

Table 3-226 PowerFilterMismatch

Alarm	Attributes	Supported releases
Name: PowerFilterMismatch (2074) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: PowerFilterMismatch (1055)	All
Description: The alarm is raised when mismatch in power filter.		

Table 3-227 PowerFilterOff

Alarm	Attributes	Supported releases
Name: PowerFilterOff (2075) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: PowerIssue (1056)	All
Description: The alarm is raised when Power filter/Battery is off or low voltage.		

Table 3-228 PowerManagementSuspended

Alarm	Attributes	Supported releases
Name: PowerManagementSuspended (2076) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: PwrSusp (1057)	All
Description: The alarm is raised when power management is suspended.		

Table 3-229 PowerManagementTopologyIssue

Alarm	Attributes	Supported releases
Name: PowerManagementTopologyIssue (2077) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: PinvalidTopo (1058)	All
Description: The alarm is raised when the power management topology is invalid.		

Table 3-230 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 3-231 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 3-232 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 3-233 ProtectionLockout

Alarm	Attributes	Supported releases
Name: ProtectionLockout (2078) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: LockOutOfPR (1059)	All
Description: The alarm is raised when an APS lockout of the protection channel occurs.		

Table 3-234 ProtectionSwitchingEquipmentFailure

Alarm	Attributes	Supported releases
Name: ProtectionSwitchingEquipmentFailure (2079) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: minor Implicitly cleared: true Default probable cause: RcvrOptProg (1060)	All
Description: The alarm is raised when the protection switching equipment fails.		

Table 3-235 ProtectionSwitchingFail

Alarm	Attributes	Supported releases
Name: ProtectionSwitchingFail (2080) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: ApsProtSWFail (1061)	All
Description: The alarm is raised when Protection switching fails.		

Table 3-236 PwrMaxGain

Alarm	Attributes	Supported releases
Name: PwrMaxGain (2081) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: PwrMaxGain (1062)	All
Description: The alarm is raised on Gain Adjustment Exceeded Max Value.		

Table 3-237 PwrTiltSusp

Alarm	Attributes	Supported releases
Name: PwrTiltSusp (3389) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: PwrTiltSusp (1218)	All
Description: The alarm is raised when amplifier gain tilt adjustments are suspended.		

Table 3-238 PwrUnbalance

Alarm	Attributes	Supported releases
Name: PwrUnbalance (3390) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: PwrUnbalance (1219)	All
Description: The alarm is raised when a general power imbalance is detected.		

Table 3-239 PwrUnbalanceOms

Alarm	Attributes	Supported releases
Name: PwrUnbalanceOms (3391) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: PwrUnbalanceOms (1220)	All
Description: The alarm is raised when an OMS power imbalance is detected.		

Table 3-240 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none">• 2.3.0• 2.5.0• 3.0.0• 3.5.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 3-241 RamanSupAlarm

Alarm	Attributes	Supported releases
Name: RamanSupAlarm (2082) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: RAMANSUP (1063)	All
Description: The alarm is raised due to Raman Suppress - Line		

Table 3-242 RcvrOptProg

Alarm	Attributes	Supported releases
Name: RcvrOptProg (2083) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: minor Implicitly cleared: true Default probable cause: RcvrOptProg (1060)	All
Description: The alarm is raised due to receiver optimization in progress.		

Table 3-243 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 3-244 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 3-245 RemoteClientLocalFault

Alarm	Attributes	Supported releases
Name: RemoteClientLocalFault (2084) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: LfiEgr (1064)	All
Description: The alarm is raised when a remote client detects a local fault.		

Table 3-246 RemoteFault

Alarm	Attributes	Supported releases
Name: RemoteFault (2085) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: LanRfi (1065)	All
Description: The alarm is raised when a remote fault is detected.		

Table 3-247 ReplUnitMissMOD

Alarm	Attributes	Supported releases
Name: ReplUnitMissMOD (3392) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: ReplUnitMissMOD (1221)	All
Description: The alarm is raised when a pluggable module is missing.		

Table 3-248 RFILine

Alarm	Attributes	Supported releases
Name: RFILine (2904) Type: communicationAlarm (96) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: info Implicitly cleared: false Default probable cause: LossofSignal (1089)	All
Description: The alarm is raised when the sonet remote line fails.		

Table 3-249 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none">• 2.3.0• 2.5.0• 3.0.0• 3.5.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 3-250 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 3-251 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 3-252 SfpEOLAlarm

Alarm	Attributes	Supported releases
Name: SfpEOLAlarm (2087) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: sfpEOL (1067)	All
Description: The alarm is raised on SFP or XFP Laser end of life.		

Table 3-253 SfpTempOOR

Alarm	Attributes	Supported releases
Name: SfpTempOOR (2088) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: SfpTempOOR (1068)	All
Description: SFP or XFP laser temperature out of range		

Table 3-254 SfpTrmtPwrOORAlarm

Alarm	Attributes	Supported releases
Name: SfpTrmtPwrOORAlarm (2089) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: SfpTrmtPwrOOR (1069)	All
Description: The alarm is raised on SFP or XFP optical transmit power out of range.		

Table 3-255 ShelfAssignmentFailure

Alarm	Attributes	Supported releases
Name: ShelfAssignmentFailure (2897) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: PrcDreRR (1108)	All
Description: The alarm is raised when the subtended shelf cannot be assigned a shelf Id.		

Table 3-256 ShelfMismatch

Alarm	Attributes	Supported releases
Name: ShelfMismatch (2090) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.Shelf	Severity: critical Implicitly cleared: false Default probable cause: ShelfMismatch (1070)	All
Description: The alarm is raised when the shelf mismatches.		

Table 3-257 SignalDegrade (equipment)

Alarm	Attributes	Supported releases
Name: SignalDegrade (2091) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: Deg (1071)	All
Description: The alarm is raised on Signal Degrade Egress - ODU.		

Table 3-258 SignalDegrade (optical)

Alarm	Attributes	Supported releases
Name: SignalDegrade (2091) Type: communicationAlarm (96) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: major Implicitly cleared: false Default probable cause: LossofSignal (1089)	All
Description: The alarm is raised when the sonet singnal degrades.		

Table 3-259 SoftwareNotCommitted

Alarm	Attributes	Supported releases
Name: SoftwareNotCommitted (2898) Type: softwareAlarm (19) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: SwUpgCommit (1109)	All
Description: The alarm is raised when the software autoinstall is disabled.		

Table 3-260 SoftwareUpgradeFailure

Alarm	Attributes	Supported releases
Name: SoftwareUpgradeFailure (2899) Type: softwareAlarm (19) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: SwUpgFail (1110)	All
Description: The alarm is raised when the software upgrade fails.		

Table 3-261 SoftwareUpgradeInProgress

Alarm	Attributes	Supported releases
Name: SoftwareUpgradeInProgress (2900) Type: softwareAlarm (19) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: SwftDwn (1111)	All
Description: The alarm is raised when the software upgrade is in progress.		

Table 3-262 SoftwareVersionMismatch

Alarm	Attributes	Supported releases
Name: SoftwareVersionMismatch (2092) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: SfMismatch (1072)	All
Description: The alarm is raised when the software version mismatches.		

Table 3-263 SonetLossOfFrame

Alarm	Attributes	Supported releases
Name: SonetLossOfFrame (2093) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: Lof (1073)	All
Description: The alarm is raised due to loss of frame.		

Table 3-264 SonetLossofSingal

Alarm	Attributes	Supported releases
Name: SonetLossofSingal (2905) Type: communicationAlarm (96) Package: optical Raised on class: optical.OpticalPortSpecifics	Severity: critical Implicitly cleared: false Default probable cause: LossofSignal (1089)	All
Description: The alarm is raised when sonet/sdh loss of signal occurs.		

Table 3-265 SonetSectionTraceMismatch

Alarm	Attributes	Supported releases
Name: SonetSectionTraceMismatch (2094) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: Tim (1074)	All
Description: The alarm is raised due to mismatch in trace identifier.		

Table 3-266 SpLoAdjFail

Alarm	Attributes	Supported releases
Name: SpLoAdjFail (3393) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: SpLoAdjFail (1222)	All
Description: The alarm is raised when a span loss adjustment failure is detected.		

Table 3-267 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none">• 2.3.0• 2.5.0• 3.0.0• 3.5.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 3-268 SUPVYSignalDegrade

Alarm	Attributes	Supported releases
Name: SUPVYSignalDegrade (2086) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: SignalDegrade (1066)	All
Description: The alarm is raised when SUPVY signal degradation is detected.		

Table 3-269 SwitchingMatrixModuleFails

Alarm	Attributes	Supported releases
Name: SwitchingMatrixModuleFails (2095) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: SwmTxMod (1075)	All
Description: The alarm is raised when a switching matrix module fails.		

Table 3-270 SystemTimeCardMismatch

Alarm	Attributes	Supported releases
Name: SystemTimeCardMismatch (2096) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: Mismatch (1034)	All
Description: The alarm is raised due to system timing card mismatch.		

Table 3-271 SystemTimemisConfig

Alarm	Attributes	Supported releases
Name: SystemTimemisConfig (2901) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: minor Implicitly cleared: false Default probable cause: PrcDreRR (1108)	All
Description: The alarm is raised due to misprovisioning of system time.		

Table 3-272 TBbeMs15Min

Alarm	Attributes	Supported releases
Name: TBbeMs15Min (3396) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BBE_MS_15MIN (1225)	All
Description: The alarm is raised when the BBE-MS 15-minute threshold is crossed.		

Table 3-273 TBbeMs1Day

Alarm	Attributes	Supported releases
Name: TBbeMs1Day (3397) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BBE_MS_1DAY (1226)	All
Description: The alarm is raised when the BBE-MS one-day threshold is crossed.		

Table 3-274 TBbeOdu15Min

Alarm	Attributes	Supported releases
Name: TBbeOdu15Min (3398) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BBE_ODU_15MIN (1227)	All
Description: The alarm is raised when the BBE-ODU 15-minute threshold is crossed.		

Table 3-275 TBbeOdu1Day

Alarm	Attributes	Supported releases
Name: TBbeOdu1Day (3399) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BBE_ODU_1DAY (1228)	All
Description: The alarm is raised when the BBE-ODU one-day threshold is crossed.		

Table 3-276 TBbeOtu15Min

Alarm	Attributes	Supported releases
Name: TBbeOtu15Min (3400) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BBE_OTU_15MIN (1229)	All
Description: The alarm is raised when the BBE-OTU 15-minute threshold is crossed.		

Table 3-277 TBbeOtu1Day

Alarm	Attributes	Supported releases
Name: TBbeOtu1Day (3401) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BBE_OTU_1DAY (1230)	All
Description: The alarm is raised when the BBE-OTU one-day threshold is crossed.		

Table 3-278 TBbeP15Min

Alarm	Attributes	Supported releases
Name: TBbeP15Min (3402) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BBE_P_15MIN (1231)	All
Description: The alarm is raised when the BBE-P 15-minute threshold is crossed.		

Table 3-279 TBbeP1Day

Alarm	Attributes	Supported releases
Name: TBbeP1Day (3403) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BBE_P_1DAY (1232)	All
Description: The alarm is raised when the BBE-P one-day threshold is crossed.		

Table 3-280 TBbePt15Min

Alarm	Attributes	Supported releases
Name: TBbePt15Min (3404) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BBE_PT_15MIN (1233)	All
Description: The alarm is raised when the BBE-PT 15-minute threshold is crossed.		

Table 3-281 TBbePt1Day

Alarm	Attributes	Supported releases
Name: TBbePt1Day (3405) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BBE_PT_1DAY (1234)	All
Description: The alarm is raised when the BBE-PT one-day threshold is crossed.		

Table 3-282 TBbeRs15Min

Alarm	Attributes	Supported releases
Name: TBbeRs15Min (3406) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BBE_RS_15MIN (1235)	All
Description: The alarm is raised when the BBE-RS 15-minute threshold is crossed.		

Table 3-283 TBbeRs1Day

Alarm	Attributes	Supported releases
Name: TBbeRs1Day (3407) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BBE_RS_1DAY (1236)	All
Description: The alarm is raised when the BBE-RS one-day threshold is crossed.		

Table 3-284 TBbeRst15Min

Alarm	Attributes	Supported releases
Name: TBbeRst15Min (3408) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BBE_RST_15MIN (1237)	All
Description: The alarm is raised when the BBE-RS 15-minute threshold is crossed.		

Table 3-285 TBbeRst1Day

Alarm	Attributes	Supported releases
Name: TBbeRst1Day (3409) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BBE_RST_1DAY (1238)	All
Description: The alarm is raised when the BBE-RS one-day threshold is crossed.		

Table 3-286 TBerPostFec15Min

Alarm	Attributes	Supported releases
Name: TBerPostFec15Min (3410) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BERPOSTFEC_15MIN (1239)	All
Description: The alarm is raised when the post-FEC 15-minute BER threshold is crossed.		

Table 3-287 TBerPostFec1Day

Alarm	Attributes	Supported releases
Name: TBerPostFec1Day (3411) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BERPOSTFEC_1DAY (1240)	All
Description: The alarm is raised when the post-FEC one-day BER threshold is crossed.		

Table 3-288 TBerPreFec15Min

Alarm	Attributes	Supported releases
Name: TBerPreFec15Min (3412) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BERPREFEC_15MIN (1241)	All
Description: The alarm is raised when the pre-FEC 15-minute BER threshold is crossed.		

Table 3-289 TBerPreFec1Day

Alarm	Attributes	Supported releases
Name: TBerPreFec1Day (3413) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BERPREFEC_1DAY (1242)	All
Description: The alarm is raised when the pre-FEC one-day BER threshold is crossed.		

Table 3-290 TBIAESOtU15Min

Alarm	Attributes	Supported releases
Name: TBIAESOtU15Min (3394) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BIAES_OTU_15MIN (1223)	All
Description: The alarm is raised when the BIAES-OTU 15-minute threshold is crossed.		

Table 3-291 TBIAESOtU1Day

Alarm	Attributes	Supported releases
Name: TBIAESOtU1Day (3395) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_BIAES_OTU_1DAY (1224)	All
Description: The alarm is raised when the BIAES-OTU one-day threshold is crossed.		

Table 3-292 TCv15Min

Alarm	Attributes	Supported releases
Name: TCv15Min (3414) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_CV_15MIN (1243)	All
Description: The alarm is raised when the CV 15-minute threshold is crossed.		

Table 3-293 TCv1Day

Alarm	Attributes	Supported releases
Name: TCv1Day (3415) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_CV_1DAY (1244)	All
Description: The alarm is raised when the CV one-day threshold is crossed.		

Table 3-294 TCvPcs15Min

Alarm	Attributes	Supported releases
Name: TCvPcs15Min (3416) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_CV_PCS_15MIN (1245)	All
Description: The alarm is raised when the CV-PCS 15-minute threshold is crossed.		

Table 3-295 TCvPcs1Day

Alarm	Attributes	Supported releases
Name: TCvPcs1Day (3417) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_CV_PCS_1DAY (1246)	All
Description: The alarm is raised when the CV-PCS one-day threshold is crossed.		

Table 3-296 TCvPcst15Min

Alarm	Attributes	Supported releases
Name: TCvPcst15Min (3418) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_CV_PCST_15MIN (1247)	All
Description: The alarm is raised when the CV-PCS 15-minute threshold is crossed.		

Table 3-297 TCvPcst1Day

Alarm	Attributes	Supported releases
Name: TCvPcst1Day (3419) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_CV_PCST_1DAY (1248)	All
Description: The alarm is raised when the CV-PCS one-day threshold is crossed.		

Table 3-298 TCvs15Min

Alarm	Attributes	Supported releases
Name: TCvs15Min (3420) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_CVS_15MIN (1249)	All
Description: The alarm is raised when the CV-S 15-minute threshold is crossed.		

Table 3-299 TCvs1Day

Alarm	Attributes	Supported releases
Name: TCvs1Day (3421) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_CVS_1DAY (1250)	All
Description: The alarm is raised when the CV-S one-day threshold is crossed.		

Table 3-300 TCvst15Min

Alarm	Attributes	Supported releases
Name: TCvst15Min (3422) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_CVST_15MIN (1251)	All
Description: The alarm is raised when the CV-S 15-minute threshold is crossed.		

Table 3-301 TCvst1Day

Alarm	Attributes	Supported releases
Name: TCvst1Day (3423) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_CVST_1DAY (1252)	All
Description: The alarm is raised when the CV-S one-day threshold is crossed.		

Table 3-302 TEs15Min

Alarm	Attributes	Supported releases
Name: TEs15Min (3424) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_15MIN (1253)	All
Description: The alarm is raised when the ES 15-minute threshold is crossed.		

Table 3-303 TEs1Day

Alarm	Attributes	Supported releases
Name: TEs1Day (3425) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_1DAY (1254)	All
Description: The alarm is raised when the ES one-day threshold is crossed.		

Table 3-304 TEsL15Min

Alarm	Attributes	Supported releases
Name: TEsL15Min (3426) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_L_15MIN (1255)	All
Description: The alarm is raised when the ES-L 15-minute threshold is crossed.		

Table 3-305 TEsL1Day

Alarm	Attributes	Supported releases
Name: TEsL1Day (3427) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_L_1DAY (1256)	All
Description: The alarm is raised when the ES-L one-day threshold is crossed.		

Table 3-306 TEsMs15Min

Alarm	Attributes	Supported releases
Name: TEsMs15Min (3428) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_MS_15MIN (1257)	All
Description: The alarm is raised when the ES-MS 15-minute threshold is crossed.		

Table 3-307 TEsMs1Day

Alarm	Attributes	Supported releases
Name: TEsMs1Day (3429) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_MS_1DAY (1258)	All
Description: The alarm is raised when the ES-MS one-day threshold is crossed.		

Table 3-308 TEsOdu15Min

Alarm	Attributes	Supported releases
Name: TEsOdu15Min (3430) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_ODU_15MIN (1259)	All
Description: The alarm is raised when the ES-ODU 15-minute threshold is crossed.		

Table 3-309 TEsOdu1Day

Alarm	Attributes	Supported releases
Name: TEsOdu1Day (3431) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_ODU_1DAY (1260)	All
Description: The alarm is raised when the ES-ODU one-day threshold is crossed.		

Table 3-310 TEsOtu15Min

Alarm	Attributes	Supported releases
Name: TEsOtu15Min (3432) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_OTU_15MIN (1261)	All
Description: The alarm is raised when the ES-OTU 15-minute threshold is crossed.		

Table 3-311 TEsOtu1Day

Alarm	Attributes	Supported releases
Name: TEsOtu1Day (3433) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_OTU_1DAY (1262)	All
Description: The alarm is raised when the ES-OTU one-day threshold is crossed.		

Table 3-312 TEsP15Min

Alarm	Attributes	Supported releases
Name: TEsP15Min (3434) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_P_15MIN (1263)	All
Description: The alarm is raised when the ES-P 15-minute threshold is crossed.		

Table 3-313 TEsp1Day

Alarm	Attributes	Supported releases
Name: TEsp1Day (3435) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_P_1DAY (1264)	All
Description: The alarm is raised when the ES-P one-day threshold is crossed.		

Table 3-314 TEspcs15Min

Alarm	Attributes	Supported releases
Name: TEspcs15Min (3436) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_PCS_15MIN (1265)	All
Description: The alarm is raised when the ES-PCS 15-minute threshold is crossed.		

Table 3-315 TEspcs1Day

Alarm	Attributes	Supported releases
Name: TEspcs1Day (3437) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_PCS_1DAY (1266)	All
Description: The alarm is raised when the ES-PCS one-day threshold is crossed.		

Table 3-316 TEspcst15Min

Alarm	Attributes	Supported releases
Name: TEspcst15Min (3438) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_PCST_15MIN (1267)	All
Description: The alarm is raised when the ES-PCS 15-minute threshold is crossed.		

Table 3-317 TEspcst1Day

Alarm	Attributes	Supported releases
Name: TEspcst1Day (3439) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_PCST_1DAY (1268)	All
Description: The alarm is raised when the ES-PCS one-day threshold is crossed.		

Table 3-318 TEsPt15Min

Alarm	Attributes	Supported releases
Name: TEsPt15Min (3440) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_PT_15MIN (1269)	All
Description: The alarm is raised when the ES-PT 15-minute threshold is crossed.		

Table 3-319 TEsPt1Day

Alarm	Attributes	Supported releases
Name: TEsPt1Day (3441) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_PT_1DAY (1270)	All
Description: The alarm is raised when the ES-PT one-day threshold is crossed.		

Table 3-320 TEsRs15Min

Alarm	Attributes	Supported releases
Name: TEsRs15Min (3442) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_RS_15MIN (1271)	All
Description: The alarm is raised when the ES-RS 15-minute threshold is crossed.		

Table 3-321 TEsRs1Day

Alarm	Attributes	Supported releases
Name: TEsRs1Day (3443) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_RS_1DAY (1272)	All
Description: The alarm is raised when the ES-RS one-day threshold is crossed.		

Table 3-322 TEsRst15Min

Alarm	Attributes	Supported releases
Name: TEsRst15Min (3444) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_RST_15MIN (1273)	All
Description: The alarm is raised when the ES-RS 15-minute threshold is crossed.		

Table 3-323 TEsRst1Day

Alarm	Attributes	Supported releases
Name: TEsRst1Day (3445) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ES_RST_1DAY (1274)	All
Description: The alarm is raised when the ES-RS one-day threshold is crossed.		

Table 3-324 TEss15Min

Alarm	Attributes	Supported releases
Name: TEss15Min (3446) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ESS_15MIN (1275)	All
Description: The alarm is raised when the ES-S 15-minute threshold is crossed.		

Table 3-325 TEss1Day

Alarm	Attributes	Supported releases
Name: TEss1Day (3447) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ESS_1DAY (1276)	All
Description: The alarm is raised when the ES-S one-day threshold is crossed.		

Table 3-326 TEsst15Min

Alarm	Attributes	Supported releases
Name: TEsst15Min (3448) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ESST_15MIN (1277)	All
Description: The alarm is raised when the ES-S 15-minute threshold is crossed.		

Table 3-327 TEsst1Day

Alarm	Attributes	Supported releases
Name: TEsst1Day (3449) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ESST_1DAY (1278)	All
Description: The alarm is raised when the ES-S one-day threshold is crossed.		

Table 3-328 TEthpkter15Min

Alarm	Attributes	Supported releases
Name: TEthpkter15Min (3450) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ETHPKTER_15MIN (1279)	All
Description: The alarm is raised when the ETHPKTER 15-minute threshold is crossed.		

Table 3-329 TEthpkter1Day

Alarm	Attributes	Supported releases
Name: TEthpkter1Day (3451) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ETHPKTER_1DAY (1280)	All
Description: The alarm is raised when the ETHPKTER one-day threshold is crossed.		

Table 3-330 TEthpktert15Min

Alarm	Attributes	Supported releases
Name: TEthpktert15Min (3452) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ETHPKTERT_15MIN (1281)	All
Description: The alarm is raised when the ETHPKTERT 15-minute threshold is crossed.		

Table 3-331 TEthpktert1Day

Alarm	Attributes	Supported releases
Name: TEthpktert1Day (3453) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_ETHPKTERT_1DAY (1282)	All
Description: The alarm is raised when the ETHPKTERT one-day threshold is crossed.		

Table 3-332 TFeBbeMs15Min

Alarm	Attributes	Supported releases
Name: TFeBbeMs15Min (3454) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEBBE_MS_15MIN (1283)	All
Description: The alarm is raised when the FEBBE-MS 15-minute threshold is crossed.		

Table 3-333 TFeBbeMs1Day

Alarm	Attributes	Supported releases
Name: TFeBbeMs1Day (3455) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEBBE_MS_1DAY (1284)	All
Description: The alarm is raised when the FEBBE-MS one-day threshold is crossed.		

Table 3-334 TFeBbeOdu15Min

Alarm	Attributes	Supported releases
Name: TFeBbeOdu15Min (3456) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEBBE_ODU_15MIN (1285)	All
Description: The alarm is raised when the FarEnd BBE-ODU 15-minute threshold is crossed.		

Table 3-335 TFeBbeOdu1Day

Alarm	Attributes	Supported releases
Name: TFeBbeOdu1Day (3457) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEBBE_ODU_1DAY (1286)	All
Description: The alarm is raised when the FarEnd BBE-ODU one-day threshold is crossed.		

Table 3-336 TFeBbeOtu15Min

Alarm	Attributes	Supported releases
Name: TFeBbeOtu15Min (3458) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEBBE_OTU_15MIN (1287)	All
Description: The alarm is raised when the FarEnd BBE-OTU 15-minute threshold is crossed.		

Table 3-337 TFeBbeOtu1Day

Alarm	Attributes	Supported releases
Name: TFeBbeOtu1Day (3459) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEBBE_OTU_1DAY (1288)	All
Description: The alarm is raised when the FarEnd BBE-OTU one-day threshold is crossed.		

Table 3-338 TFecc15Min

Alarm	Attributes	Supported releases
Name: TFecc15Min (3480) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FECC_15MIN (1309)	All
Description: The alarm is raised when the FECC 15-minute threshold is crossed.		

Table 3-339 TFecc1Day

Alarm	Attributes	Supported releases
Name: TFecc1Day (3481) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FECC_1DAY (1310)	All
Description: The alarm is raised when the FECC one-day threshold is crossed.		

Table 3-340 TFecUbu15Min

Alarm	Attributes	Supported releases
Name: TFecUbu15Min (3478) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEC_UBU_15MIN (1307)	All
Description: The alarm is raised when the FEC UBU 15-minute threshold is crossed.		

Table 3-341 TFecUbu1Day

Alarm	Attributes	Supported releases
Name: TFecUbu1Day (3479) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEC_UBU_1DAY (1308)	All
Description: The alarm is raised when the FEC UBU one-day threshold is crossed.		

Table 3-342 TFeEsMs15Min

Alarm	Attributes	Supported releases
Name: TFeEsMs15Min (3460) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEES_MS_15MIN (1289)	All
Description: The alarm is raised when the FEES-MS 15-minute threshold is crossed.		

Table 3-343 TFeEsMs1Day

Alarm	Attributes	Supported releases
Name: TFeEsMs1Day (3461) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEES_MS_1DAY (1290)	All
Description: The alarm is raised when the FEES-MS one-day threshold is crossed.		

Table 3-344 TFeEsOdu15Min

Alarm	Attributes	Supported releases
Name: TFeEsOdu15Min (3462) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEES_ODU_15MIN (1291)	All
Description: The alarm is raised when the FarEnd ES-ODU 15-minute threshold is crossed.		

Table 3-345 TFeEsOdu1Day

Alarm	Attributes	Supported releases
Name: TFeEsOdu1Day (3463) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEES_ODU_1DAY (1292)	All
Description: The alarm is raised when the FarEnd ES-ODU one-day threshold is crossed.		

Table 3-346 TFeEsOtu15Min

Alarm	Attributes	Supported releases
Name: TFeEsOtu15Min (3464) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEES_OTU_15MIN (1293)	All
Description: The alarm is raised when the FarEnd ES-OTU 15-minute threshold is crossed.		

Table 3-347 TFeEsOtu1Day

Alarm	Attributes	Supported releases
Name: TFeEsOtu1Day (3465) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEES_OTU_1DAY (1294)	All
Description: The alarm is raised when the FarEnd ES-OTU one-day threshold is crossed.		

Table 3-348 TFeSesMs15Min

Alarm	Attributes	Supported releases
Name: TFeSesMs15Min (3466) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FESES_MS_15MIN (1295)	All
Description: The alarm is raised when the FESES-MS 15-minute threshold is crossed.		

Table 3-349 TFeSesMs1Day

Alarm	Attributes	Supported releases
Name: TFeSesMs1Day (3467) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FESES_MS_1DAY (1296)	All
Description: The alarm is raised when the FESES-MS one-day threshold is crossed.		

Table 3-350 TFeSesOdu15Min

Alarm	Attributes	Supported releases
Name: TFeSesOdu15Min (3468) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FESES_ODU_15MIN (1297)	All
Description: The alarm is raised when the FarEnd SES-ODU 15-minute threshold is crossed.		

Table 3-351 TFeSesOdu1Day

Alarm	Attributes	Supported releases
Name: TFeSesOdu1Day (3469) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FESES_ODU_1DAY (1298)	All
Description: The alarm is raised when the FarEnd SES-ODU one-day threshold is crossed.		

Table 3-352 TFeSesOtu15Min

Alarm	Attributes	Supported releases
Name: TFeSesOtu15Min (3470) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FESES_OTU_15MIN (1299)	All
Description: The alarm is raised when the FarEnd SES-OTU 15-minute threshold is crossed.		

Table 3-353 TFeSesOtu1Day

Alarm	Attributes	Supported releases
Name: TFeSesOtu1Day (3471) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FESES_OTU_1DAY (1300)	All
Description: The alarm is raised when the FarEnd SES-OTU one-day threshold is crossed.		

Table 3-354 TFeUasMs15Min

Alarm	Attributes	Supported releases
Name: TFeUasMs15Min (3472) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEUAS_MS_15MIN (1301)	All
Description: The alarm is raised when the FEUAS-MS 15-minute threshold is crossed.		

Table 3-355 TFeUasMs1Day

Alarm	Attributes	Supported releases
Name: TFeUasMs1Day (3473) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEUAS_MS_1DAY (1302)	All
Description: The alarm is raised when the FEUAS-MS one-day threshold is crossed.		

Table 3-356 TFeUasOdu15Min

Alarm	Attributes	Supported releases
Name: TFeUasOdu15Min (3474) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEUAS_ODU_15MIN (1303)	All
Description: The alarm is raised when the FarEnd UAS-ODU 15-minute threshold is crossed.		

Table 3-357 TFeUasOdu1Day

Alarm	Attributes	Supported releases
Name: TFeUasOdu1Day (3475) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEUAS_ODU_1DAY (1304)	All
Description: The alarm is raised when the FarEnd UAS-ODU one-day threshold is crossed.		

Table 3-358 TFeUasOtu15Min

Alarm	Attributes	Supported releases
Name: TFeUasOtu15Min (3476) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEUAS_OTU_15MIN (1305)	All
Description: The alarm is raised when the FarEnd UAS-OTU 15-minute threshold is crossed.		

Table 3-359 TFeUasOtu1Day

Alarm	Attributes	Supported releases
Name: TFeUasOtu1Day (3477) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_FEUAS_OTU_1DAY (1306)	All
Description: The alarm is raised when the FarEnd UAS-OTU one-day threshold is crossed.		

Table 3-360 TIAESOtu15Min

Alarm	Attributes	Supported releases
Name: TIAESOtu15Min (3482) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_IAES_OTU_15MIN (1311)	All
Description: The alarm is raised when the IAES-OTU 15-minute threshold is crossed.		

Table 3-361 TIAESOtu1Day

Alarm	Attributes	Supported releases
Name: TIAESOtu1Day (3483) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_IAES_OTU_1DAY (1312)	All
Description: The alarm is raised when the IAES-OTU one-day threshold is crossed.		

Table 3-362 TnSdhAlarmIndicationSignalRaisedNotif

Alarm	Attributes	Supported releases
Name: TnSdhAlarmIndicationSignalRaisedNotif (2099) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: AISL (1076)	All
Description: The alarm is raised due to AIS Line/MS		

Table 3-363 TnSdhLossOfFrameRaisedNotif

Alarm	Attributes	Supported releases
Name: TnSdhLossOfFrameRaisedNotif (2100) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: Lof (1073)	All
Description: The alarm is raised on Loss of frame.		

Table 3-364 TnSdhLossOfSignalRaisedNotif

Alarm	Attributes	Supported releases
Name: TnSdhLossOfSignalRaisedNotif (2101) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: Los (1077)	All
Description: The alarm is raised on LOS.		

Table 3-365 TnSdhSignalDegradeRaisedNotif

Alarm	Attributes	Supported releases
Name: TnSdhSignalDegradeRaisedNotif (2102) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: SigDig (1078)	All
Description: The alarm is raised on Signal Degrade.		

Table 3-366 TnSdhSignalFailureRaisedNotif

Alarm	Attributes	Supported releases
Name: TnSdhSignalFailureRaisedNotif (2103) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: Sf (1079)	All
Description: The alarm is raised on Excessive BER.		

Table 3-367 TnSfpReceiverPwrOORRaisedNotif

Alarm	Attributes	Supported releases
Name: TnSfpReceiverPwrOORRaisedNotif (2104) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: SfpReceiverPwrOOR (1080)	All
Description: The alarm is raised due Pluggable Module optical receiver power out of range		

Table 3-368 TnUserEqptMismatchRaisedNotif

Alarm	Attributes	Supported releases
Name: TnUserEqptMismatchRaisedNotif (2105) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: UserEquipMismatch (1081)	All
Description: The alarm is raised due to user equipment mismatch.		

Table 3-369 TOprh15Min

Alarm	Attributes	Supported releases
Name: TOprh15Min (3484) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_OPRH_15MIN (1313)	All
Description: The alarm is raised when the OPRH tidemark 15-minute threshold is crossed.		

Table 3-370 TOprh1Day

Alarm	Attributes	Supported releases
Name: TOprh1Day (3485) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_OPRH_1DAY (1314)	All
Description: The alarm is raised when the OPRH tidemark one-day threshold is crossed.		

Table 3-371 TOprl15Min

Alarm	Attributes	Supported releases
Name: TOprl15Min (3486) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_OPRL_15MIN (1315)	All
Description: The alarm is raised when the OPRL tidemark 15-minute threshold is crossed.		

Table 3-372 TOprl1Day

Alarm	Attributes	Supported releases
Name: TOprl1Day (3487) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_OPRL_1DAY (1316)	All
Description: The alarm is raised when the OPRL tidemark one-day threshold is crossed.		

Table 3-373 TOptH15Min

Alarm	Attributes	Supported releases
Name: TOptH15Min (3488) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_OPTH_15MIN (1317)	All
Description: The alarm is raised when the OPTH tidemark 15-minute threshold is crossed.		

Table 3-374 TOptH1Day

Alarm	Attributes	Supported releases
Name: TOptH1Day (3489) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_OPTH_1DAY (1318)	All
Description: The alarm is raised when the OPTH tidemark one-day threshold is crossed.		

Table 3-375 TOptL15Min

Alarm	Attributes	Supported releases
Name: TOptL15Min (3490) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_OPTL_15MIN (1319)	All
Description: The alarm is raised when the OPTL tidemark 15-minute threshold is crossed.		

Table 3-376 TOptL1Day

Alarm	Attributes	Supported releases
Name: TOptL1Day (3491) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_OPTL_1DAY (1320)	All
Description: The alarm is raised when the OPTL tidemark one-day threshold is crossed.		

Table 3-377 TPostfec15Min

Alarm	Attributes	Supported releases
Name: TPostfec15Min (3492) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_POSTFEC_15MIN (1321)	All
Description: The alarm is raised when the Post-FEC BER 15-minute threshold is crossed.		

Table 3-378 TPostfec1Day

Alarm	Attributes	Supported releases
Name: TPostfec1Day (3493) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_POSTFEC_1DAY (1322)	All
Description: The alarm is raised when the Post-FEC BER one-day threshold is crossed.		

Table 3-379 TPrefec15Min

Alarm	Attributes	Supported releases
Name: TPrefec15Min (3494) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_PREFEC_15MIN (1323)	All
Description: The alarm is raised when the Pre-FEC BER 15-minute threshold is crossed.		

Table 3-380 TPrefec1Day

Alarm	Attributes	Supported releases
Name: TPrefec1Day (3495) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_PREFEC_1DAY (1324)	All
Description: The alarm is raised when the Pre-FEC BER one-day threshold is crossed.		

Table 3-381 TracelIdentifierMismatch

Alarm	Attributes	Supported releases
Name: TracelIdentifierMismatch (2106) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: Timodu (1375)	All
Description: The alarm is raised when a trail trace identifier mismatch is detected.		

Table 3-382 TransmitLaserOffRxFaultDuringLineLoopback

Alarm	Attributes	Supported releases
Name: TransmitLaserOffRxFaultDuringLineLoopback (2107) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: LaserOffLpbk (1082)	All
Description: The alarm is raised due to transmit laser off.		

Table 3-383 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 2.3.0 2.5.0 3.0.0 3.5.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 3-384 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 2.3.0 2.5.0 3.0.0 3.5.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 3-385 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 3-386 TrmtMOD

Alarm	Attributes	Supported releases
Name: TrmtMOD (3546) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: TrmtMOD (1376)	All
Description: The alarm is raised when a pluggable module transmit failure is detected.		

Table 3-387 TSefs15Min

Alarm	Attributes	Supported releases
Name: TSefs15Min (3496) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SEFS_15MIN (1325)	All
Description: The alarm is raised when the SEFS 15-minute threshold is crossed.		

Table 3-388 TSefs1Day

Alarm	Attributes	Supported releases
Name: TSefs1Day (3497) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SEFS_1DAY (1326)	All
Description: The alarm is raised when the SEFS one-day threshold is crossed.		

Table 3-389 TSefsPcs15Min

Alarm	Attributes	Supported releases
Name: TSefsPcs15Min (3498) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SEFS_PCS_15MIN (1327)	All
Description: The alarm is raised when the SEFS-PCS 15-minute threshold is crossed.		

Table 3-390 TSefsPcs1Day

Alarm	Attributes	Supported releases
Name: TSefsPcs1Day (3499) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SEFS_PCS_1DAY (1328)	All
Description: The alarm is raised when the SEFS-PCS one-day threshold is crossed.		

Table 3-391 TSefsPcst15Min

Alarm	Attributes	Supported releases
Name: TSefsPcst15Min (3500) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SEFS_PCST_15MIN (1329)	All
Description: The alarm is raised when the SEFS-PCS 15-minute threshold is crossed.		

Table 3-392 TSefsPcst1Day

Alarm	Attributes	Supported releases
Name: TSefsPcst1Day (3501) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SEFS_PCST_1DAY (1330)	All
Description: The alarm is raised when the SEFS-PCS one-day threshold is crossed.		

Table 3-393 TSefss15Min

Alarm	Attributes	Supported releases
Name: TSefss15Min (3502) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SEFSS_15MIN (1331)	All
Description: The alarm is raised when the SEFS-S 15-minute threshold is crossed.		

Table 3-394 Tsefss1Day

Alarm	Attributes	Supported releases
Name: Tsefss1Day (3503) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SEFSS_1DAY (1332)	All
Description: The alarm is raised when the SEFS-S one-day threshold is crossed.		

Table 3-395 TSefsst15Min

Alarm	Attributes	Supported releases
Name: TSefsst15Min (3504) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SEFSST_15MIN (1333)	All
Description: The alarm is raised when the SEFS-S 15-minute threshold is crossed.		

Table 3-396 TSefsst1Day

Alarm	Attributes	Supported releases
Name: TSefsst1Day (3505) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SEFSST_1DAY (1334)	All
Description: The alarm is raised when the SEFS-S one-day threshold is crossed.		

Table 3-397 TSes15Min

Alarm	Attributes	Supported releases
Name: TSes15Min (3506) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_15MIN (1335)	All
Description: The alarm is raised when the SES 15-minute threshold is crossed.		

Table 3-398 TSes1Day

Alarm	Attributes	Supported releases
Name: TSes1Day (3507) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_1DAY (1336)	All
Description: The alarm is raised when the SES one-day threshold is crossed.		

Table 3-399 TSesL15Min

Alarm	Attributes	Supported releases
Name: TSesL15Min (3508) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_L_15MIN (1337)	All
Description: The alarm is raised when the SES-L 15-minute threshold is crossed.		

Table 3-400 TSesL1Day

Alarm	Attributes	Supported releases
Name: TSesL1Day (3509) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_L_1DAY (1338)	All
Description: The alarm is raised when the SES-L one-day threshold is crossed.		

Table 3-401 TSesMs15Min

Alarm	Attributes	Supported releases
Name: TSesMs15Min (3510) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_MS_15MIN (1339)	All
Description: The alarm is raised when the SES-MS 15-minute threshold is crossed.		

Table 3-402 TSesMs1Day

Alarm	Attributes	Supported releases
Name: TSesMs1Day (3511) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_MS_1DAY (1340)	All
Description: The alarm is raised when the SES-MS one-day threshold is crossed.		

Table 3-403 TSesOdu15Min

Alarm	Attributes	Supported releases
Name: TSesOdu15Min (3512) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_ODU_15MIN (1341)	All
Description: The alarm is raised when the SES-ODU 15-minute threshold is crossed.		

Table 3-404 TSesOdu1Day

Alarm	Attributes	Supported releases
Name: TSesOdu1Day (3513) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_ODU_1DAY (1342)	All
Description: The alarm is raised when the SES-ODU one-day threshold is crossed.		

Table 3-405 TSesOtu15Min

Alarm	Attributes	Supported releases
Name: TSesOtu15Min (3514) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_OTU_15MIN (1343)	All
Description: The alarm is raised when the SES-OTU 15-minute threshold is crossed.		

Table 3-406 TSesOtu1Day

Alarm	Attributes	Supported releases
Name: TSesOtu1Day (3515) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_OTU_1DAY (1344)	All
Description: The alarm is raised when the SES-OTU one-day threshold is crossed.		

Table 3-407 TSesP15Min

Alarm	Attributes	Supported releases
Name: TSesP15Min (3516) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_P_15MIN (1345)	All
Description: The alarm is raised when the SES-P 15-minute threshold is crossed.		

Table 3-408 TSesP1Day

Alarm	Attributes	Supported releases
Name: TSesP1Day (3517) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_P_1DAY (1346)	All
Description: The alarm is raised when the SES-P one-day threshold is crossed.		

Table 3-409 TSesPcs15Min

Alarm	Attributes	Supported releases
Name: TSesPcs15Min (3518) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_PCS_15MIN (1347)	All
Description: The alarm is raised when the SES-PCS 15-minute threshold is crossed.		

Table 3-410 TSesPcs1Day

Alarm	Attributes	Supported releases
Name: TSesPcs1Day (3519) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_PCS_1DAY (1348)	All
Description: The alarm is raised when the SES-PCS one-day threshold is crossed.		

Table 3-411 TSesPcst15Min

Alarm	Attributes	Supported releases
Name: TSesPcst15Min (3520) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_PCST_15MIN (1349)	All
Description: The alarm is raised when the SES-PCS 15-minute threshold is crossed.		

Table 3-412 TSesPcst1Day

Alarm	Attributes	Supported releases
Name: TSesPcst1Day (3521) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_PCST_1DAY (1350)	All
Description: The alarm is raised when the SES-PCS one-day threshold is crossed.		

Table 3-413 TSesPt15Min

Alarm	Attributes	Supported releases
Name: TSesPt15Min (3522) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_PT_15MIN (1351)	All
Description: The alarm is raised when the SES-PT 15-minute threshold is crossed.		

Table 3-414 TSesPt1Day

Alarm	Attributes	Supported releases
Name: TSesPt1Day (3523) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_PT_1DAY (1352)	All
Description: The alarm is raised when the SES-PT one-day threshold is crossed.		

Table 3-415 TSesRs15Min

Alarm	Attributes	Supported releases
Name: TSesRs15Min (3524) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_RS_15MIN (1353)	All
Description: The alarm is raised when the SES-RS 15-minute threshold is crossed.		

Table 3-416 TSesRs1Day

Alarm	Attributes	Supported releases
Name: TSesRs1Day (3525) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_RS_1DAY (1354)	All
Description: The alarm is raised when the SES-RS one-day threshold is crossed.		

Table 3-417 TSesRst15Min

Alarm	Attributes	Supported releases
Name: TSesRst15Min (3526) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_RST_15MIN (1355)	All
Description: The alarm is raised when the SES-RS 15-minute threshold is crossed.		

Table 3-418 TSesRst1Day

Alarm	Attributes	Supported releases
Name: TSesRst1Day (3527) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SES_RST_1DAY (1356)	All
Description: The alarm is raised when the SES-RS one-day threshold is crossed.		

Table 3-419 TSess15Min

Alarm	Attributes	Supported releases
Name: TSess15Min (3528) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SESS_15MIN (1357)	All
Description: The alarm is raised when the SES-S 15-minute threshold is crossed.		

Table 3-420 TSess1Day

Alarm	Attributes	Supported releases
Name: TSess1Day (3529) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SESS_1DAY (1358)	All
Description: The alarm is raised when the SES-S one-day threshold is crossed.		

Table 3-421 TSesst15Min

Alarm	Attributes	Supported releases
Name: TSesst15Min (3530) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SESST_15MIN (1359)	All
Description: The alarm is raised when the SES-S 15-minute threshold is crossed.		

Table 3-422 TSesst1Day

Alarm	Attributes	Supported releases
Name: TSesst1Day (3531) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_SESST_1DAY (1360)	All
Description: The alarm is raised when the SES-S one-day threshold is crossed.		

Table 3-423 TUasMs15Min

Alarm	Attributes	Supported releases
Name: TUasMs15Min (3532) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_UAS_MS_15MIN (1361)	All
Description: The alarm is raised when the UAS-MS 15-minute threshold is crossed.		

Table 3-424 TUasMs1Day

Alarm	Attributes	Supported releases
Name: TUasMs1Day (3533) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_UAS_MS_1DAY (1362)	All
Description: The alarm is raised when the UAS-MS one-day threshold is crossed.		

Table 3-425 TUasOdu15Min

Alarm	Attributes	Supported releases
Name: TUasOdu15Min (3534) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_UAS_ODU_15MIN (1363)	All
Description: The alarm is raised when the UAS-ODU 15-minute threshold is crossed.		

Table 3-426 TUasOdu1Day

Alarm	Attributes	Supported releases
Name: TUasOdu1Day (3535) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_UAS_ODU_1DAY (1364)	All
Description: The alarm is raised when the UAS-ODU one-day threshold is crossed.		

Table 3-427 TUasOtu15Min

Alarm	Attributes	Supported releases
Name: TUasOtu15Min (3536) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_UAS_OTU_15MIN (1365)	All
Description: The alarm is raised when the UAS-OTU 15-minute threshold is crossed.		

Table 3-428 TUasOtu1Day

Alarm	Attributes	Supported releases
Name: TUasOtu1Day (3537) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_UAS_OTU_1DAY (1366)	All
Description: The alarm is raised when the UAS-OTU one-day threshold is crossed.		

Table 3-429 TUasP15Min

Alarm	Attributes	Supported releases
Name: TUasP15Min (3538) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_UAS_P_15MIN (1367)	All
Description: The alarm is raised when the UAS-P 15-minute threshold is crossed.		

Table 3-430 TUasP1Day

Alarm	Attributes	Supported releases
Name: TUasP1Day (3539) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_UAS_P_1DAY (1368)	All
Description: The alarm is raised when the UAS-P one-day threshold is crossed.		

Table 3-431 TUasPt15Min

Alarm	Attributes	Supported releases
Name: TUasPt15Min (3540) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_UAS_PT_15MIN (1369)	All
Description: The alarm is raised when the UAS-PT 15-minute threshold is crossed.		

Table 3-432 TUasPt1Day

Alarm	Attributes	Supported releases
Name: TUasPt1Day (3541) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_UAS_PT_1DAY (1370)	All
Description: The alarm is raised when the UAS-PT one-day threshold is crossed.		

Table 3-433 TUasRs15Min

Alarm	Attributes	Supported releases
Name: TUasRs15Min (3542) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_UAS_RS_15MIN (1371)	All
Description: The alarm is raised when the UAS-RS 15-minute threshold is crossed.		

Table 3-434 TUasRs1Day

Alarm	Attributes	Supported releases
Name: TUasRs1Day (3543) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_UAS_RS_1DAY (1372)	All
Description: The alarm is raised when the UAS-RS one-day threshold is crossed.		

Table 3-435 TUasRst15Min

Alarm	Attributes	Supported releases
Name: TUasRst15Min (3544) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_UAS_RST_15MIN (1373)	All
Description: The alarm is raised when the UAS-RS 15-minute threshold is crossed.		

Table 3-436 TUasRst1Day

Alarm	Attributes	Supported releases
Name: TUasRst1Day (3545) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: T_UAS_RST_1DAY (1374)	All
Description: The alarm is raised when the UAS-RS one-day threshold is crossed.		

Table 3-437 TunableLaserNotProvisioned

Alarm	Attributes	Supported releases
Name: TunableLaserNotProvisioned (2108) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: PrcdrErr (1083)	All
Description: The alarm is raised on Tunable laser not provisioned.		

Table 3-438 UnExpectedWaveKey

Alarm	Attributes	Supported releases
Name: UnExpectedWaveKey (2109) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: OchUnknown (1084)	All
Description: The alarm is raised when the unaccepted wave key occurs.		

Table 3-439 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none">• 2.3.0• 2.5.0• 3.0.0• 3.5.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 3-440 UnitFail

Alarm	Attributes	Supported releases
Name: UnitFail (2110) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: true Default probable cause: SyncClk (1085)	All
Description: The alarm is raised due to system timing synchronization unit failed.		

Table 3-441 UnknowWaveKeyForConnection

Alarm	Attributes	Supported releases
Name: UnknowWaveKeyForConnection (2111) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: OWN (1086)	All
Description: The alarm is raised when the unknown och trail for cross-connect.		

Table 3-442 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none">• 2.3.0• 2.5.0• 3.0.0• 3.5.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 3-443 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 3-444 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 3-445 UpstreamChannelCollision

Alarm	Attributes	Supported releases
Name: UpstreamChannelCollision (2112) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: ChanColl (1087)	All
Description: The alarm is raised when a collision in one upstream channel is detected.		

Table 3-446 UruOchLos

Alarm	Attributes	Supported releases
Name: UruOchLos (3547) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: UruOchLos (1377)	All
Description: The alarm is raised when the underlying channel is unavailable because of an LOS.		

Table 3-447 UruOmsRx

Alarm	Attributes	Supported releases
Name: UruOmsRx (3548) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: UruOmsRx (1378)	All
Description: The alarm is raised when the underlying ingress OMS is unavailable.		

Table 3-448 UruOtsLos

Alarm	Attributes	Supported releases
Name: UruOtsLos (3549) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: UruOtsLos (1379)	All
Description: The alarm is raised when the underlying OTS is unavailable because of an LOS.		

Table 3-449 UruOtsRx

Alarm	Attributes	Supported releases
Name: UruOtsRx (3550) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: UruOtsRx (1380)	All
Description: The alarm is raised when the underlying ingress OTS is unavailable.		

Table 3-450 UruOtsTx

Alarm	Attributes	Supported releases
Name: UruOtsTx (3551) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: UruOtsTx (1381)	All
Description: The alarm is raised when the underlying egress OTS is unavailable.		

Table 3-451 UruOtu

Alarm	Attributes	Supported releases
Name: UruOtu (3552) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: UruOtu (1382)	All
Description: The alarm is raised when an underlying OTU is unavailable.		

Table 3-452 UruS

Alarm	Attributes	Supported releases
Name: UruS (3553) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: UruS (1383)	All
Description: The alarm is raised when an underlying resource is unavailable.		

Table 3-453 VCGLossOfAlignment

Alarm	Attributes	Supported releases
Name: VCGLossOfAlignment (2113) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: VCGLoA (1088)	All
Description: The alarm is raised when a VCG loss of alignment is detected.		

Table 3-454 VCGServerSignalFailure

Alarm	Attributes	Supported releases
Name: VCGServerSignalFailure (2114) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: true Default probable cause: LossOfSignal (1089)	All
Description: The alarm is raised when a VCG server detects a signal failure.		

Table 3-455 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 2.3.0 • 2.5.0 • 3.0.0 • 3.5.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 3-456 VoltageHigh

Alarm	Attributes	Supported releases
Name: VoltageHigh (3554) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: VoltageHigh (1384)	All
Description: The alarm is raised when the input voltage is too high.		

Table 3-457 VoltageLow

Alarm	Attributes	Supported releases
Name: VoltageLow (3555) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: VoltageLow (1385)	All
Description: The alarm is raised when the input voltage is too low.		

Table 3-458 VTSTForwardDefectIndication

Alarm	Attributes	Supported releases
Name: VTSTForwardDefectIndication (2115) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: info Implicitly cleared: true Default probable cause: VTSTFdi (1090)	All
Description: The alarm is raised when a VTS raises an FDI.		

Table 3-459 VTSOpenConnectionIndication

Alarm	Attributes	Supported releases
Name: VTSOpenConnectionIndication (2116) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: VTSOci (1091)	All
Description: The alarm is raised when the open connection indication in VTS.		

Table 3-460 WaveKeyOverlap

Alarm	Attributes	Supported releases
Name: WaveKeyOverlap (2117) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: KeyOverlap (1092)	All
Description: The alarm is raised when two wave keys overlap.		

Table 3-461 WavelengthTrackerCardDegrade

Alarm	Attributes	Supported releases
Name: WavelengthTrackerCardDegrade (2118) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: CardDegrade (1093)	All
Description: The alarm is raised when the channel Id insertion failure in wave key.		

Table 3-462 WavelengthTrackerCommunicationFailure

Alarm	Attributes	Supported releases
Name: WavelengthTrackerCommunicationFailure (2119) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: PortDegrade (1094)	All
Description: The alarm is raised when the wavelength tracker detection communication failure.		

Table 3-463 WavelengthTrackerDetectionFailure

Alarm	Attributes	Supported releases
Name: WavelengthTrackerDetectionFailure (2120) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: minor Implicitly cleared: true Default probable cause: PortDegrade (1094)	All
Description: The alarm is raised when wavelength tracker detection fails.		

Table 3-464 WavelengthTrackerEncodeDegrade

Alarm	Attributes	Supported releases
Name: WavelengthTrackerEncodeDegrade (2121) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: true Default probable cause: MtcesurvDgr (1386)	All
Description: The alarm is raised when wavelength tracker encoding degrades.		

Table 3-465 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none">• 2.3.0• 2.5.0• 3.0.0• 3.5.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

4 — Alcatel-Lucent 5780 DSC alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter [32](#) for information about the alarm.

Table 4-1 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 4-2 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 4-3 AtcaFanFailure

Alarm	Attributes	Supported releases
Name: AtcaFanFailure (1124) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Fan	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('operationalState' EQUAL 'Disabled') OR ('operationalState' EQUAL 'Down'))		
Clearing condition: (('operationalState' EQUAL 'Enabled') OR ('operationalState' EQUAL 'Up'))		

Table 4-4 AtcaPowerSupplyFailure

Alarm	Attributes	Supported releases
Name: AtcaPowerSupplyFailure (1125) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupply	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the associated power supply is not operationally Up.		
Raising condition: (('operationalState' EQUAL 'Disabled'))		
Clearing condition: ('operationalState' EQUAL 'Enabled')		

Table 4-5 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 4-6 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 4-7 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 4-8 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> persistentIndexFailure configFileBootFailure 	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 4-9 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 4-10 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 4-11 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 4-12 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 4-13 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 4-14 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 4-15 DscServiceContainerDown

Alarm	Attributes	Supported releases
Name: DscServiceContainerDown (845) Type: EpcAlarm (59) Package: lte Raised on class: lte.ServiceContainer	Severity: major Implicitly cleared: true Default probable cause: DscServiceDown (603)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when a DSC service container is down.		
Raising condition: (('Operational State' EQUAL 'Disabled'))		
Clearing condition: (('Operational State' EQUAL 'Enabled'))		

Table 4-16 DscServiceDown

Alarm	Attributes	Supported releases
Name: DscServiceDown (846) Type: EpcAlarm (59) Package: lte Raised on class: lte.AbstractDynamicServicesControllerMember	Severity: major Implicitly cleared: true Default probable cause: DscServiceDown (603)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when a DSC service member is down.		
Raising condition: (('Operational State' EQUAL 'Disabled'))		
Clearing condition: (('Operational State' EQUAL 'Enabled'))		

Table 4-17 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 4-18 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 4-19 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 4-20 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 4-21 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 4-22 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 4-23 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 4-24 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 4-25 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 4-26 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 4-27 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteeggsn Raised on class: lteeggsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 4-28 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 4-29 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 4-30 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 4-31 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 4-32 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		

Table 4-33 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		

Table 4-34 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 4-35 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 4-36 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 4-37 OverloadedCard

Alarm	Attributes	Supported releases
Name: OverloadedCard (2941) Type: cardAlarm (100) Package: equipment Raised on class: equipment.AtcaCard	Severity: variable Implicitly cleared: true Default probable cause: overloadedCard (1132)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the overload stats of the card has changed.		
Raising condition: ('Overload State' EQUAL 'Critical')		
Clearing condition: ('Overload State' EQUAL 'Normal')		

Table 4-38 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 4-39 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None'))))		

Table 4-40 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 4-41 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 4-42 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 4-43 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when a Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 4-44 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 4-45 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 4-46 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 4-47 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 4-48 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 4-49 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 4-50 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 4-51 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 4-52 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 4-53 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 4-54 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 4-55 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 4-56 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

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Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 5-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 5-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 5-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 5-4 AncillaryPathLimitReached

Alarm	Attributes	Supported releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' >= " (1000 * 'Ancillary Path Limit')"))		
Clearing condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit')))		

Table 5-5 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 5-6 BITS2NotQualified

Alarm	Attributes	Supported releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 5-7 BITSNotQualified

Alarm	Attributes	Supported releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 5-8 BITSReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 5-9 BITSReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 5-10 BITSReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 5-11 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 5-12 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 5-13 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 5-14 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 5-15 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 5-16 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 5-17 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 5-18 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 5-19 DDMAux1HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1HighAlarm (495) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1HighAlarm (381)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Alarm'))		

Table 5-20 DDMAux1HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux1HighWarning (494) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1HighWarning (380)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Warning'))		

Table 5-21 DDMAux1LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1LowAlarm (493) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1LowAlarm (379)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Alarm'))		

Table 5-22 DDMAux1LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux1LowWarning (492) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1LowWarning (378)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Warning'))		

Table 5-23 DDMAux2HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2HighAlarm (499) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2HighAlarm (385)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Alarm'))		

Table 5-24 DDMAux2HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux2HighWarning (498) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2HighWarning (384)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Warning'))		

Table 5-25 DDMAux2LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2LowAlarm (497) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2LowAlarm (383)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Alarm'))		

Table 5-26 DDMAux2LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux2LowWarning (496) Type: communicatiothresholdAlarmnsAlarm (50) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2LowWarning (382)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Warning'))		

Table 5-27 DDMRxOpticalPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighAlarm (491) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerHighAlarm (377)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Alarm'))		

Table 5-28 DDMRxOpticalPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighWarning (490) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerHighWarning (376)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Warning'))		

Table 5-29 DDMRxOpticalPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowAlarm (489) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerLowAlarm (375)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Alarm'))		

Table 5-30 DDMRxOpticalPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowWarning (488) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerLowWarning (374)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Warning'))		

Table 5-31 DDMSupplyVoltageHighAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighAlarm (479) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageHighAlarm (365)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Alarm'))		

Table 5-32 DDMSupplyVoltageHighWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighWarning (478) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageHighWarning (364)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Warning'))		

Table 5-33 DDMSupplyVoltageLowAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowAlarm (477) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageLowAlarm (363)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Alarm'))		

Table 5-34 DDMSupplyVoltageLowWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowWarning (476) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageLowWarning (362)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Warning'))		

Table 5-35 DDMTemperatureHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighAlarm (475) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureHighAlarm (361)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Alarm'))		

Table 5-36 DDMTemperatureHighWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighWarning (474) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureHighWarning (360)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Warning'))		

Table 5-37 DDMTemperatureLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowAlarm (473) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureLowAlarm (359)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Alarm'))		

Table 5-38 DDMTemperatureLowWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowWarning (472) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureLowWarning (358)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Warning'))		

Table 5-39 DDMTxBiasCurrentHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighAlarm (483) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentHighAlarm (369)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Alarm'))		

Table 5-40 DDMTxBiasCurrentHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighWarning (482) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentHighWarning (368)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Warning'))		

Table 5-41 DDMTxBiasCurrentLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowAlarm (481) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentLowAlarm (367)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Alarm'))		

Table 5-42 DDMTxBiasCurrentLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowWarning (480) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentLowWarning (366)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Warning'))		

Table 5-43 DDMTxOutputPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighAlarm (487) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerHighAlarm (373)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Alarm'))		

Table 5-44 DDMTxOutputPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighWarning (486) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerHighWarning (372)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Warning'))		

Table 5-45 DDMTxOutputPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowAlarm (485) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerLowAlarm (371)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power Low Alarm'))		

Table 5-46 DDMTxOutputPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowWarning (484) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerLowWarning (370)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBitTx Output Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBitTx Output Power Low Warning'))		

Table 5-47 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 5-48 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 5-49 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 5-50 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 5-51 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 5-52 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 5-53 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 5-54 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 5-55 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 5-56 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 5-57 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 5-58 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 5-59 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 5-60 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 5-61 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 5-62 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 5-63 ExternalTimingReferenceNotQualified

Alarm	Attributes	Supported releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified' NOT EQUAL 'Not Qualified'))		

Table 5-64 ForwardingTableSizeLimitReached

Alarm	Attributes	Supported releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: l2fwd Raised on class: l2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by l2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by l2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		

Table 5-65 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 5-66 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 5-67 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 5-68 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 5-69 InterfaceDown (vppls)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vppls Raised on class: vppls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 4.0.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 5-70 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 5-71 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 5-72 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 5-73 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 5-74 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 5-75 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 5-76 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 5-77 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 5-78 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		

Table 5-79 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 5-80 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 5-81 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 5-82 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 5-83 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None'))))		

Table 5-84 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 5-85 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 5-86 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 5-87 PppLoopbackDetected

Alarm	Attributes	Supported releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		

Table 5-88 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 5-89 PrimaryPathLimitReached

Alarm	Attributes	Supported releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit'))"		
Clearing condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit'))		

Table 5-90 PTPNotQualified

Alarm	Attributes	Supported releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 5-91 PTPReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 5-92 PTPReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 5-93 PTPReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 5-94 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 5-95 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 5-96 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 5-97 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 5-98 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 5-99 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 5-100 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 5-101 SecondaryPathLimitReached

Alarm	Attributes	Supported releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit'))"		
Clearing condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit'))		

Table 5-102 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 5-103 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 5-104 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 5-105 StpExceptionCondition

Alarm	Attributes	Supported releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		

Table 5-106 StpRootGuardViolation

Alarm	Attributes	Supported releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		

Table 5-107 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 5-108 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 5-109 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 5-110 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 5-111 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 5-112 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 5-113 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 5-114 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 5-115 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 5-116 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 5-117 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

Table 5-118 XplError

Alarm	Attributes	Supported releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none">• 3.0.0• 4.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		

6 — Alcatel-Lucent 7210 SAS E alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 6-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 1.0.0• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 6-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 6-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 6-4 AncillaryPathLimitReached

Alarm	Attributes	Supported releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' >= " (1000 * 'Ancillary Path Limit')"))		
Clearing condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit')))		

Table 6-5 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 6-6 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 6-7 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 6-8 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 6-9 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 6-10 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 6-11 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 6-12 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 6-13 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 6-14 DDMAux1HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1HighAlarm (495) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1HighAlarm (381)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Alarm'))		

Table 6-15 DDMAux1HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux1HighWarning (494) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1HighWarning (380)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Warning'))		

Table 6-16 DDMAux1LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1LowAlarm (493) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1LowAlarm (379)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Alarm'))		

Table 6-17 DDMAux1LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux1LowWarning (492) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1LowWarning (378)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Warning'))		

Table 6-18 DDMAux2HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2HighAlarm (499) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2HighAlarm (385)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Alarm'))		

Table 6-19 DDMAux2HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux2HighWarning (498) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2HighWarning (384)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Warning'))		

Table 6-20 DDMAux2LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2LowAlarm (497) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2LowAlarm (383)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Alarm'))		

Table 6-21 DDMAux2LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux2LowWarning (496) Type: communicationThresholdAlarmnsAlarm (50) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2LowWarning (382)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Warning'))		

Table 6-22 DDMRxOpticalPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighAlarm (491) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerHighAlarm (377)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Alarm'))		

Table 6-23 DDMRxOpticalPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighWarning (490) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerHighWarning (376)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Warning'))		

Table 6-24 DDMRxOpticalPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowAlarm (489) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerLowAlarm (375)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Alarm'))		

Table 6-25 DDMRxOpticalPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowWarning (488) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerLowWarning (374)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Warning'))		

Table 6-26 DDMSupplyVoltageHighAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighAlarm (479) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageHighAlarm (365)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Alarm'))		

Table 6-27 DDMSupplyVoltageHighWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighWarning (478) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageHighWarning (364)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Warning'))		

Table 6-28 DDMSupplyVoltageLowAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowAlarm (477) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageLowAlarm (363)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Alarm'))		

Table 6-29 DDMSupplyVoltageLowWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowWarning (476) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageLowWarning (362)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Warning'))		

Table 6-30 DDMTemperatureHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighAlarm (475) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureHighAlarm (361)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Alarm'))		

Table 6-31 DDMTemperatureHighWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighWarning (474) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureHighWarning (360)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Warning'))		

Table 6-32 DDMTemperatureLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowAlarm (473) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureLowAlarm (359)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Alarm'))		

Table 6-33 DDMTemperatureLowWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowWarning (472) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureLowWarning (358)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Warning'))		

Table 6-34 DDMTxBiasCurrentHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighAlarm (483) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentHighAlarm (369)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Alarm'))		

Table 6-35 DDMTxBiasCurrentHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighWarning (482) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentHighWarning (368)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Warning'))		

Table 6-36 DDMTxBiasCurrentLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowAlarm (481) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentLowAlarm (367)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Alarm'))		

Table 6-37 DDMTxBiasCurrentLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowWarning (480) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentLowWarning (366)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Warning'))		

Table 6-38 DDMTxOutputPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighAlarm (487) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerHighAlarm (373)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Alarm'))		

Table 6-39 DDMTxOutputPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighWarning (486) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerHighWarning (372)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Warning'))		

Table 6-40 DDMTxOutputPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowAlarm (485) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerLowAlarm (371)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power Low Alarm'))		

Table 6-41 DDMTxOutputPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowWarning (484) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerLowWarning (370)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power Low Warning'))		

Table 6-42 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 6-43 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 6-44 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 6-45 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 6-46 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 6-47 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 6-48 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 6-49 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 6-50 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 6-51 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 6-52 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 6-53 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 6-54 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 6-55 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 6-56 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 6-57 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 6-58 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 6-59 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 6-60 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 6-61 ForwardingTableSizeLimitReached

Alarm	Attributes	Supported releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: l2fwd Raised on class: l2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by l2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by l2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		

Table 6-62 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 6-63 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none">• 1.0.0• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 6-64 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none">• 1.0.0• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 6-65 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 1.0.0• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 6-66 InterfaceDown (vpls)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 6-67 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 6-68 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 6-69 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 6-70 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 6-71 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 6-72 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 6-73 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 6-74 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 6-75 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		

Table 6-76 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 6-77 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 6-78 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 6-79 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 6-80 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 6-81 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 6-82 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 6-83 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 6-84 PppLoopbackDetected

Alarm	Attributes	Supported releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		

Table 6-85 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 6-86 PrimaryPathLimitReached

Alarm	Attributes	Supported releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit')))		
Clearing condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit')))		

Table 6-87 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 6-88 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 6-89 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 6-90 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 6-91 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 6-92 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 6-93 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 6-94 SecondaryPathLimitReached

Alarm	Attributes	Supported releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit')))		
Clearing condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit')))		

Table 6-95 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 6-96 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 6-97 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 6-98 StpExceptionCondition

Alarm	Attributes	Supported releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		

Table 6-99 StpRootGuardViolation

Alarm	Attributes	Supported releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		

Table 6-100 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 6-101 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetEquipment Raised on class: ethernetEquipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 6-102 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 6-103 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 6-104 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 6-105 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 6-106 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 6-107 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 6-108 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 6-109 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 6-110 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

Table 6-111 XplError

Alarm	Attributes	Supported releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		

7 — Alcatel-Lucent 7210 SAS M alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 7-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 1.0.0• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 7-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 7-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 7-4 AncillaryPathLimitReached

Alarm	Attributes	Supported releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' >= " (1000 * 'Ancillary Path Limit')"))		
Clearing condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit')))		

Table 7-5 AreaTypeMismatch

Alarm	Attributes	Supported releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		

Table 7-6 AsymmetricalConfig (multichassis)

Alarm	Attributes	Supported releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisPeer multichassis.MultiChassisLagMember multichassis.MultiChassisLag 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 4.0.0
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		
Raising condition: ('Asymmetrical Configuration Detected' EQUAL 'true')		
Clearing condition: ('Asymmetrical Configuration Detected' EQUAL 'false')		

Table 7-7 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 7-8 BITS2NotQualified

Alarm	Attributes	Supported releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 7-9 BITSNotQualified

Alarm	Attributes	Supported releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 7-10 BITSReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 7-11 BITSReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 7-12 BITSReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 7-13 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 7-14 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 7-15 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 7-16 CesBfrOverrun

Alarm	Attributes	Supported releases
Name: CesBfrOverrun (448) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer overrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		

Table 7-17 CesBfrUnderrun

Alarm	Attributes	Supported releases
Name: CesBfrUnderrun (449) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer underrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		

Table 7-18 CesMalformedPkts

Alarm	Attributes	Supported releases
Name: CesMalformedPkts (446) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: malformedPackets (320)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM detects one or more malformed packets.		
Raising condition: (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		

Table 7-19 CesPktLoss

Alarm	Attributes	Supported releases
Name: CesPktLoss (447) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfPacket (321)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM detects a packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		

Table 7-20 CesRmtPktLoss

Alarm	Attributes	Supported releases
Name: CesRmtPktLoss (450) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: farEndLossOfPacket (323)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM detects a remote packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		

Table 7-21 CesRmtRdi

Alarm	Attributes	Supported releases
Name: CesRmtRdi (452) Type: configurationAlarm (11) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: farEndRdi (325)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM detects a remote RDI.		
Raising condition: (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		

Table 7-22 CesRmtTdmFault

Alarm	Attributes	Supported releases
Name: CesRmtTdmFault (451) Type: configurationAlarm (11) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: tdmFarEndFault (324)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM detects a remote TDM fault.		
Raising condition: (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		

Table 7-23 CesStrayPkts

Alarm	Attributes	Supported releases
Name: CesStrayPkts (445) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: strayPackets (319)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when the 5620 SAM detects received stray packets.		
Raising condition: (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		

Table 7-24 CircuitStpExceptionCondition

Alarm	Attributes	Supported releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: l2fwd Raised on class: l2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		

Table 7-25 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 7-26 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 7-27 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 7-28 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 7-29 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 7-30 DDMAux1HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1HighAlarm (495) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1HighAlarm (381)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Alarm'))		

Table 7-31 DDMAux1HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux1HighWarning (494) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1HighWarning (380)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Warning'))		

Table 7-32 DDMAux1LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1LowAlarm (493) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1LowAlarm (379)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Alarm'))		

Table 7-33 DDMAux1LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux1LowWarning (492) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1LowWarning (378)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Warning'))		

Table 7-34 DDMAux2HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2HighAlarm (499) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2HighAlarm (385)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Alarm'))		

Table 7-35 DDMAux2HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux2HighWarning (498) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2HighWarning (384)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Warning'))		

Table 7-36 DDMAux2LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2LowAlarm (497) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2LowAlarm (383)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Alarm'))		

Table 7-37 DDMAux2LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux2LowWarning (496) Type: communicatiothresholdAlarmnsAlarm (50) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2LowWarning (382)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Warning'))		

Table 7-38 DDMRxOpticalPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighAlarm (491) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerHighAlarm (377)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Alarm'))		

Table 7-39 DDMRxOpticalPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighWarning (490) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerHighWarning (376)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Warning'))		

Table 7-40 DDMRxOpticalPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowAlarm (489) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerLowAlarm (375)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Alarm'))		

Table 7-41 DDMRxOpticalPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowWarning (488) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerLowWarning (374)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Warning'))		

Table 7-42 DDMSupplyVoltageHighAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighAlarm (479) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageHighAlarm (365)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Alarm'))		

Table 7-43 DDMSupplyVoltageHighWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighWarning (478) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageHighWarning (364)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Warning'))		

Table 7-44 DDMSupplyVoltageLowAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowAlarm (477) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageLowAlarm (363)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Alarm'))		

Table 7-45 DDMSupplyVoltageLowWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowWarning (476) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageLowWarning (362)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Warning'))		

Table 7-46 DDMTemperatureHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighAlarm (475) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureHighAlarm (361)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Alarm'))		

Table 7-47 DDMTemperatureHighWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighWarning (474) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureHighWarning (360)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Warning'))		

Table 7-48 DDMTemperatureLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowAlarm (473) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureLowAlarm (359)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Alarm'))		

Table 7-49 DDMTemperatureLowWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowWarning (472) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureLowWarning (358)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Warning'))		

Table 7-50 DDMTxBiasCurrentHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighAlarm (483) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentHighAlarm (369)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Alarm'))		

Table 7-51 DDMTxBiasCurrentHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighWarning (482) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentHighWarning (368)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Warning'))		

Table 7-52 DDMTxBiasCurrentLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowAlarm (481) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentLowAlarm (367)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Alarm'))		

Table 7-53 DDMTxBiasCurrentLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowWarning (480) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentLowWarning (366)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Warning'))		

Table 7-54 DDMTxOutputPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighAlarm (487) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerHighAlarm (373)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Alarm'))		

Table 7-55 DDMTxOutputPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighWarning (486) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerHighWarning (372)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Warning'))		

Table 7-56 DDMTxOutputPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowAlarm (485) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerLowAlarm (371)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power Low Alarm'))		

Table 7-57 DDMtxOutputPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMtxOutputPowerLowWarning (484) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerLowWarning (370)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power Low Warning'))		

Table 7-58 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 7-59 DS1E1AlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: DS1E1AlarmIndicationSignal (112) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		

Table 7-60 DS1E1Looped

Alarm	Attributes	Supported releases
Name: DS1E1Looped (126) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		

Table 7-61 DS1E1LossOfSignal

Alarm	Attributes	Supported releases
Name: DS1E1LossOfSignal (124) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

Table 7-62 DS1E1OutOfFrame

Alarm	Attributes	Supported releases
Name: DS1E1OutOfFrame (125) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		

Table 7-63 DS1E1ResourceAvailabilityIndicator

Alarm	Attributes	Supported releases
Name: DS1E1ResourceAvailabilityIndicator (114) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))))		

Table 7-64 DS1E1SignalDegradation

Alarm	Attributes	Supported releases
Name: DS1E1SignalDegradation (500) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalDegradation (386)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SD alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))))		

Table 7-65 DS1E1SignalFailure

Alarm	Attributes	Supported releases
Name: DS1E1SignalFailure (501) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalFailure (387)	<ul style="list-style-type: none"> 3.0.0 4.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))))		

Table 7-66 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none">• 1.0.0• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 7-67 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none">• 1.0.0• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 7-68 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none">• 1.0.0• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 7-69 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 7-70 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 7-71 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 7-72 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 7-73 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 7-74 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 7-75 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 7-76 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 7-77 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 7-78 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 7-79 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 7-80 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 7-81 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 7-82 ExternalTimingReferenceNotQualified

Alarm	Attributes	Supported releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified' NOT EQUAL 'Not Qualified'))		

Table 7-83 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 7-84 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 7-85 ForwardingTableSizeLimitReached

Alarm	Attributes	Supported releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: l2fwd Raised on class: l2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by l2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by l2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		

Table 7-86 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 7-87 FrameSizeProblem (svt)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		

Table 7-88 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 7-89 IncompleteConfig (multichassis)

Alarm	Attributes	Supported releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> • multichassis.MultiChassisSync • multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 4.0.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mcLagPointer' EQUAL '\')		
Clearing condition: ('mcLagPointer' NOT EQUAL '\')		

Table 7-90 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 7-91 IncorrectPeerConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.Peer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> 4.0.0
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		

Table 7-92 IncorrectPeerSynchronizationPortConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerSynchronizationPortConfig (780) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPort	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortConfig (555)	<ul style="list-style-type: none"> 4.0.0
Description: The alarm is raised when the peer port does not exist, or when the peer port exists but the synchronization tags of the peers do not match.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		

Table 7-93 IncorrectPeerSynchronizationPortEncapRangeConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerSynchronizationPortEncapRangeConfig (781) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPortEncapRange	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortEncapRangeConfig (556)	<ul style="list-style-type: none"> 4.0.0
Description: The alarm is raised when the VLAN ranges on the Multi-Chassis synchronization peers do not match.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		

Table 7-94 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 7-95 InterfaceDown (vpls)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 4.0.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 7-96 InterfaceNeighborDown

Alarm	Attributes	Supported releases
Name: InterfaceNeighborDown (661) Type: NeighborDown (20) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when an interface neighbor is operationally down.		
Raising condition: (('Neighbor Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'true'))		
Clearing condition: (('Neighbor Count' NOT EQUAL '0L') OR ('Passive' EQUAL 'true'))		

Table 7-97 IsisAdjacencyDown

Alarm	Attributes	Supported releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		

Table 7-98 IsisDown

Alarm	Attributes	Supported releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 7-99 IsisInterfaceDown

Alarm	Attributes	Supported releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 7-100 KeepAliveProblem

Alarm	Attributes	Supported releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		

Table 7-101 LabelProblem

Alarm	Attributes	Supported releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		

Table 7-102 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 7-103 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 7-104 LdpDown

Alarm	Attributes	Supported releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 7-105 LdpSessionNonexistent

Alarm	Attributes	Supported releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an LDP session is nonexistent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		

Table 7-106 LdpTargetedPeerDown

Alarm	Attributes	Supported releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 7-107 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 7-108 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 7-109 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 7-110 LspDown

Alarm	Attributes	Supported releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 7-111 LspPathBypassTunnelActive

Alarm	Attributes	Supported releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		

Table 7-112 LspPathDown

Alarm	Attributes	Supported releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: lspPathDown (20)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		

Table 7-113 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 7-114 macMoveRateExceeded (svt)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		

Table 7-115 MCLagDown (lag)

Alarm	Attributes	Supported releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mclagDown (295)	<ul style="list-style-type: none"> 4.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 7-116 MCLagDown (multichassis)

Alarm	Attributes	Supported releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mclagDown (295)	<ul style="list-style-type: none"> 4.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 7-117 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 7-118 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 7-119 MplsDown

Alarm	Attributes	Supported releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 7-120 MplsPathUpdateFailed

Alarm	Attributes	Supported releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: ('Last Performed State' EQUAL 'Success')		

Table 7-121 NeighborDown

Alarm	Attributes	Supported releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		

Table 7-122 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		

Table 7-123 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 7-124 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 7-125 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 7-126 OspfInterfaceDown

Alarm	Attributes	Supported releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		

Table 7-127 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 7-128 PeerLacIngressEgressFault

Alarm	Attributes	Supported releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		

Table 7-129 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 7-130 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 7-131 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 7-132 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 7-133 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 7-134 PrimaryPathLimitReached

Alarm	Attributes	Supported releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit'))"		
Clearing condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit'))"		

Table 7-135 PTPNotQualified

Alarm	Attributes	Supported releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 7-136 PTPReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 7-137 PTPReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 7-138 PTPReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 7-139 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 7-140 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 7-141 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 7-142 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 7-143 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 7-144 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 7-145 RsvpDown

Alarm	Attributes	Supported releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 7-146 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 7-147 SdpBindingDown

Alarm	Attributes	Supported releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		

Table 7-148 SdpBindingTunnelDown

Alarm	Attributes	Supported releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		

Table 7-149 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Supported releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the sdp egress interfaces consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		

Table 7-150 SecondaryPathLimitReached

Alarm	Attributes	Supported releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' >= " (1000 * 'Secondary Path Limit')"))		
Clearing condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit'))		

Table 7-151 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 7-152 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 7-153 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 7-154 StpExceptionCondition

Alarm	Attributes	Supported releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		

Table 7-155 StpRootGuardViolation

Alarm	Attributes	Supported releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		

Table 7-156 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 7-157 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none">• 1.0.0• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 7-158 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none">• trapDestinationMisconfigured• duplicateTrapLogId	<ul style="list-style-type: none">• 1.0.0• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 7-159 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 7-160 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 7-161 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 7-162 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 7-163 TunnelDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 7-164 TunnelDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 7-165 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 7-166 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 7-167 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 7-168 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 7-169 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 7-170 VirtualLinkDown

Alarm	Attributes	Supported releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 7-171 VirtualNeighborDown

Alarm	Attributes	Supported releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> ospf.ShamLink ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		

Table 7-172 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

Table 7-173 XplError

Alarm	Attributes	Supported releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		

8 — Alcatel-Lucent 7210 SAS X alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 8-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 8-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 8-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 8-4 AncillaryPathLimitReached

Alarm	Attributes	Supported releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' >= " (1000 * 'Ancillary Path Limit')"))		
Clearing condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit')))		

Table 8-5 AreaTypeMismatch

Alarm	Attributes	Supported releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		

Table 8-6 AsymmetricalConfig (multichassis)

Alarm	Attributes	Supported releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisPeer multichassis.MultiChassisLagMember multichassis.MultiChassisLag 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 4.0.0
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		
Raising condition: ('Asymmetrical Configuration Detected' EQUAL 'true')		
Clearing condition: ('Asymmetrical Configuration Detected' EQUAL 'false')		

Table 8-7 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 8-8 BITS2NotQualified

Alarm	Attributes	Supported releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 8-9 BITSNotQualified

Alarm	Attributes	Supported releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 8-10 BITSReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 8-11 BITSReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 8-12 BITSReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 8-13 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 8-14 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 8-15 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 8-16 CircuitStpExceptionCondition

Alarm	Attributes	Supported releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: l2fwd Raised on class: l2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		

Table 8-17 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 8-18 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 8-19 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 8-20 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 8-21 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 8-22 DDMAux1HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1HighAlarm (495) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1HighAlarm (381)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Alarm'))		

Table 8-23 DDMAux1HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux1HighWarning (494) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1HighWarning (380)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Warning'))		

Table 8-24 DDMAux1LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1LowAlarm (493) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1LowAlarm (379)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Alarm'))		

Table 8-25 DDMAux1LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux1LowWarning (492) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1LowWarning (378)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Warning'))		

Table 8-26 DDMAux2HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2HighAlarm (499) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2HighAlarm (385)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Alarm'))		

Table 8-27 DDMAux2HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux2HighWarning (498) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2HighWarning (384)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Warning'))		

Table 8-28 DDMAux2LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2LowAlarm (497) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2LowAlarm (383)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Alarm'))		

Table 8-29 DDMAux2LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux2LowWarning (496) Type: communicatiothresholdAlarmnsAlarm (50) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2LowWarning (382)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Warning'))		

Table 8-30 DDMRxOpticalPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighAlarm (491) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerHighAlarm (377)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Alarm'))		

Table 8-31 DDMRxOpticalPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighWarning (490) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerHighWarning (376)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Warning'))		

Table 8-32 DDMRxOpticalPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowAlarm (489) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerLowAlarm (375)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Alarm'))		

Table 8-33 DDMRxOpticalPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowWarning (488) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerLowWarning (374)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Warning'))		

Table 8-34 DDMSupplyVoltageHighAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighAlarm (479) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageHighAlarm (365)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Alarm'))		

Table 8-35 DDMSupplyVoltageHighWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighWarning (478) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageHighWarning (364)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Warning'))		

Table 8-36 DDMSupplyVoltageLowAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowAlarm (477) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageLowAlarm (363)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Alarm'))		

Table 8-37 DDMSupplyVoltageLowWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowWarning (476) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageLowWarning (362)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Warning'))		

Table 8-38 DDMTemperatureHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighAlarm (475) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureHighAlarm (361)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Alarm'))		

Table 8-39 DDMTemperatureHighWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighWarning (474) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureHighWarning (360)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Warning'))		

Table 8-40 DDMTemperatureLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowAlarm (473) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureLowAlarm (359)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Alarm'))		

Table 8-41 DDMTemperatureLowWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowWarning (472) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureLowWarning (358)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Warning'))		

Table 8-42 DDMTxBiasCurrentHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighAlarm (483) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentHighAlarm (369)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Alarm'))		

Table 8-43 DDMTxBiasCurrentHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighWarning (482) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentHighWarning (368)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Warning'))		

Table 8-44 DDMTxBiasCurrentLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowAlarm (481) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentLowAlarm (367)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Alarm'))		

Table 8-45 DDMTxBiasCurrentLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowWarning (480) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentLowWarning (366)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Warning'))		

Table 8-46 DDMTxOutputPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighAlarm (487) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerHighAlarm (373)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Alarm'))		

Table 8-47 DDMTxOutputPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighWarning (486) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerHighWarning (372)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Warning'))		

Table 8-48 DDMTxOutputPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowAlarm (485) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerLowAlarm (371)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power Low Alarm'))		

Table 8-49 DDMTxOutputPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowWarning (484) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerLowWarning (370)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBitTx Output Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBitTx Output Power Low Warning'))		

Table 8-50 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 8-51 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 8-52 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 8-53 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 8-54 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 8-55 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 8-56 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 8-57 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 8-58 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 8-59 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 8-60 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 8-61 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 8-62 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 8-63 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 8-64 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 8-65 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 8-66 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 8-67 ExternalTimingReferenceNotQualified

Alarm	Attributes	Supported releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified' NOT EQUAL 'Not Qualified'))		

Table 8-68 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 8-69 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 8-70 ForwardingTableSizeLimitReached

Alarm	Attributes	Supported releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: l2fwd Raised on class: l2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by l2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by l2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		

Table 8-71 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 8-72 FrameSizeProblem (svt)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		

Table 8-73 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 8-74 IncompleteConfig (multichassis)

Alarm	Attributes	Supported releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisSync multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 4.0.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mcLagPointer' EQUAL '\')		
Clearing condition: ('mcLagPointer' NOT EQUAL '\')		

Table 8-75 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 8-76 IncorrectPeerConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.Peer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> 4.0.0
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		

Table 8-77 IncorrectPeerSynchronizationPortConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerSynchronizationPortConfig (780) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPort	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortConfig (555)	<ul style="list-style-type: none"> 4.0.0
Description: The alarm is raised when the peer port does not exist, or when the peer port exists but the synchronization tags of the peers do not match.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		

Table 8-78 IncorrectPeerSynchronizationPortEncapRangeConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerSynchronizationPortEncapRangeConfig (781) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPortEncapRange	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortEncapRangeConfig (556)	<ul style="list-style-type: none"> 4.0.0
Description: The alarm is raised when the VLAN ranges on the Multi-Chassis synchronization peers do not match.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		

Table 8-79 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 8-80 IsisAdjacencyDown

Alarm	Attributes	Supported releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		

Table 8-81 IsisDown

Alarm	Attributes	Supported releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 8-82 IsisInterfaceDown

Alarm	Attributes	Supported releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 8-83 KeepAliveProblem

Alarm	Attributes	Supported releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		

Table 8-84 LabelProblem

Alarm	Attributes	Supported releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		

Table 8-85 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 8-86 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 8-87 LdpDown

Alarm	Attributes	Supported releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 8-88 LdpSessionNonexistent

Alarm	Attributes	Supported releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an LDP session is nonexistent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		

Table 8-89 LdpTargetedPeerDown

Alarm	Attributes	Supported releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 8-90 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 8-91 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 8-92 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 8-93 LspDown

Alarm	Attributes	Supported releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 8-94 LspPathBypassTunnelActive

Alarm	Attributes	Supported releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		

Table 8-95 LspPathDown

Alarm	Attributes	Supported releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: lspPathDown (20)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		

Table 8-96 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 8-97 macMoveRateExceeded (svt)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		

Table 8-98 MCLagDown (lag)

Alarm	Attributes	Supported releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> 4.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 8-99 MCLagDown (multichassis)

Alarm	Attributes	Supported releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> 4.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 8-100 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 8-101 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 8-102 MplsDown

Alarm	Attributes	Supported releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 8-103 MplsPathUpdateFailed

Alarm	Attributes	Supported releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: ('Last Performed State' EQUAL 'Success')		

Table 8-104 NeighborDown

Alarm	Attributes	Supported releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		

Table 8-105 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		

Table 8-106 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 8-107 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 8-108 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 8-109 OspflInterfaceDown

Alarm	Attributes	Supported releases
Name: OspflInterfaceDown (141) Type: OspflInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspflInterfaceDown (112)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		

Table 8-110 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 8-111 PeerLacIngressEgressFault

Alarm	Attributes	Supported releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		

Table 8-112 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 8-113 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 8-114 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 8-115 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 8-116 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 8-117 PrimaryPathLimitReached

Alarm	Attributes	Supported releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit'))"		
Clearing condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit'))		

Table 8-118 PTPNotQualified

Alarm	Attributes	Supported releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 8-119 PTPReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 8-120 PTPReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 8-121 PTPReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 8-122 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 8-123 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 8-124 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 8-125 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 8-126 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 8-127 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 8-128 RsvpDown

Alarm	Attributes	Supported releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 8-129 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 8-130 SdpBindingDown

Alarm	Attributes	Supported releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		

Table 8-131 SdpBindingTunnelDown

Alarm	Attributes	Supported releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		

Table 8-132 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Supported releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the sdp egress interfaces consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		

Table 8-133 SecondaryPathLimitReached

Alarm	Attributes	Supported releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit'))"		
Clearing condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit'))		

Table 8-134 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 8-135 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 8-136 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 8-137 StpExceptionCondition

Alarm	Attributes	Supported releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		

Table 8-138 StpRootGuardViolation

Alarm	Attributes	Supported releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		

Table 8-139 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 8-140 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetEquipment Raised on class: ethernetEquipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 8-141 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 8-142 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 8-143 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 8-144 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 8-145 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 8-146 TunnelDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 8-147 TunnelDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 8-148 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 8-149 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 8-150 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none">• 2.0.0• 3.0.0• 4.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 8-151 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 8-152 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 8-153 VirtualLinkDown

Alarm	Attributes	Supported releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 8-154 VirtualNeighborDown

Alarm	Attributes	Supported releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> ospf.ShamLink ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		

Table 8-155 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

Table 8-156 XplError

Alarm	Attributes	Supported releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		

9 — Alcatel-Lucent 7250 SAS alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 9-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 9-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 9-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 9-4 AncillaryPathLimitReached

Alarm	Attributes	Supported releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' >= " (1000 * 'Ancillary Path Limit')"))		
Clearing condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit')))		

Table 9-5 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 9-6 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 9-7 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 9-8 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> persistentIndexFailure configFileBootFailure 	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 9-9 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 9-10 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 9-11 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 9-12 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 9-13 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 9-14 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 9-15 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 9-16 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 9-17 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 9-18 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 9-19 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 9-20 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 9-21 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 9-22 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 9-23 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 9-24 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 9-25 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 9-26 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 9-27 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 9-28 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 9-29 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 9-30 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 9-31 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 9-32 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 9-33 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 9-34 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 9-35 IfVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 9-36 IgmpSnoopingDown

Alarm	Attributes	Supported releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		

Table 9-37 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 9-38 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 9-39 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 9-40 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 9-41 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 9-42 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none">2.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 9-43 LowTemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		

Table 9-44 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 9-45 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 9-46 MvrSiteDown

Alarm	Attributes	Supported releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		

Table 9-47 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 2.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		

Table 9-48 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 9-49 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> 2.0.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 9-50 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> 2.0.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 9-51 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 9-52 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None'))))		

Table 9-53 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 9-54 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 9-55 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 9-56 PppLoopbackDetected

Alarm	Attributes	Supported releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		

Table 9-57 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 9-58 PrimaryPathLimitReached

Alarm	Attributes	Supported releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit'))"		
Clearing condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit'))		

Table 9-59 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 9-60 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 9-61 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> 2.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 9-62 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 9-63 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 9-64 SecondaryPathLimitReached

Alarm	Attributes	Supported releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit')))		
Clearing condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit')))		

Table 9-65 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 9-66 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 9-67 SiteManagementVlanConflict

Alarm	Attributes	Supported releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

Table 9-68 SiteVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 9-69 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 9-70 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 9-71 TlsSiteDown

Alarm	Attributes	Supported releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		

Table 9-72 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 9-73 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 9-74 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 2.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 9-75 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 2.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 9-76 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 9-77 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 9-78 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 9-79 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 9-80 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 9-81 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

Table 9-82 XplError

Alarm	Attributes	Supported releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none">• 2.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		

10 – Alcatel-Lucent 7250 SAS ES/ESA alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 10-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 2.0.0• 3.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 10-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 10-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 10-4 AncillaryPathLimitReached

Alarm	Attributes	Supported releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' >= " (1000 * 'Ancillary Path Limit')"))		
Clearing condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit')))		

Table 10-5 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 10-6 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 10-7 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 10-8 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 10-9 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 10-10 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 10-11 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 10-12 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 10-13 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 10-14 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 10-15 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 10-16 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 10-17 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 10-18 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 10-19 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 10-20 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 10-21 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 10-22 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 10-23 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 10-24 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 10-25 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 10-26 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 10-27 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 10-28 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 10-29 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 10-30 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 10-31 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 10-32 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 10-33 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 10-34 FrameSizeProblem (svt)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		

Table 10-35 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 10-36 IfVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 10-37 IgmpSnoopingDown

Alarm	Attributes	Supported releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		

Table 10-38 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 10-39 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 10-40 KeepAliveProblem

Alarm	Attributes	Supported releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		

Table 10-41 LabelProblem

Alarm	Attributes	Supported releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		

Table 10-42 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 10-43 LdpDown

Alarm	Attributes	Supported releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 10-44 LdpSessionNonexistent

Alarm	Attributes	Supported releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an LDP session is nonexistent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		

Table 10-45 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 10-46 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none">• 2.0.0• 3.0.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 10-47 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none">• 2.0.0• 3.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 10-48 LspDown

Alarm	Attributes	Supported releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none">• 2.0.0• 3.0.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 10-49 LspPathBypassTunnelActive

Alarm	Attributes	Supported releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		

Table 10-50 LspPathDown

Alarm	Attributes	Supported releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: lspPathDown (20)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		

Table 10-51 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 10-52 macMoveRateExceeded (svt)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		

Table 10-53 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		

Table 10-54 MplsDown

Alarm	Attributes	Supported releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 10-55 MplsPathUpdateFailed

Alarm	Attributes	Supported releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: ('Last Performed State' EQUAL 'Success')		

Table 10-56 MvrSiteDown

Alarm	Attributes	Supported releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		

Table 10-57 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		

Table 10-58 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 10-59 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 10-60 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 10-61 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 10-62 PeerLacIngressEgressFault

Alarm	Attributes	Supported releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		

Table 10-63 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None'))))		

Table 10-64 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 10-65 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 10-66 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 10-67 PppLoopbackDetected

Alarm	Attributes	Supported releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		

Table 10-68 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 10-69 PrimaryPathLimitReached

Alarm	Attributes	Supported releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit'))"		
Clearing condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit'))"		

Table 10-70 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 10-71 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 10-72 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 10-73 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 10-74 RsvpDown

Alarm	Attributes	Supported releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 10-75 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 10-76 SdpBindingDown

Alarm	Attributes	Supported releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		

Table 10-77 SdpBindingTunnelDown

Alarm	Attributes	Supported releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		

Table 10-78 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Supported releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the sdp egress interfaces consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		

Table 10-79 SecondaryPathLimitReached

Alarm	Attributes	Supported releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit')))		
Clearing condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit')))		

Table 10-80 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 10-81 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 10-82 SiteManagementVlanConflict

Alarm	Attributes	Supported releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

Table 10-83 SiteVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 10-84 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 10-85 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 10-86 TlsSiteDown

Alarm	Attributes	Supported releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		

Table 10-87 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 10-88 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 10-89 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 10-90 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 10-91 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 10-92 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 10-93 TunnelDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 10-94 TunnelDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 10-95 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 10-96 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 10-97 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 10-98 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 10-99 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 10-100 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

Table 10-101 XplError

Alarm	Attributes	Supported releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none">• 2.0.0• 3.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		

11 — Alcatel-Lucent 7450 ESS alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 11-1 AaPolicerResourcesExceeded

Alarm	Attributes	Supported releases
Name: AaPolicerResourcesExceeded (2930) Type: configurationAlarm (11) Package: aapolicy Raised on class: aapolicy.AaSubOvrd	Severity: warning Implicitly cleared: false Default probable cause: AaPolicerResourcesExceeded (1124)	<ul style="list-style-type: none">9.0.0
Description: The alarm is raised when Application Assurance policer resources have been exceeded by configured overrides.		
Raising condition: (('Policer Resource Status' EQUAL 'Exceeded'))		
Clearing condition: (('Policer Resource Status' NOT EQUAL 'Exceeded'))		

Table 11-2 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 11-3 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 11-4 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 11-5 AncillaryPathLimitReached

Alarm	Attributes	Supported releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' >= (1000 * 'Ancillary Path Limit'))"		
Clearing condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit'))		

Table 11-6 AreaTypeMismatch

Alarm	Attributes	Supported releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		

Table 11-7 AsymmetricalConfig (lag)

Alarm	Attributes	Supported releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: lag Raised on classes: <ul style="list-style-type: none"> • lag.MultiChassisLag • lag.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the members of an MC LAG do not have matching configurations.		
Raising condition: ('configMismatches' NOT EQUAL '0L')		
Clearing condition: ('configMismatches' EQUAL '0L')		

Table 11-8 AsymmetricalConfig (multichassis)

Alarm	Attributes	Supported releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisPeer multichassis.MultiChassisLagMember multichassis.MultiChassisLag 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		
Raising condition: ('Asymmetrical Configuration Detected' EQUAL 'true')		
Clearing condition: ('Asymmetrical Configuration Detected' EQUAL 'false')		

Table 11-9 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 11-10 BerLineSignalDegradation

Alarm	Attributes	Supported releases
Name: BerLineSignalDegradation (88) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalDegradation (74)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		

Table 11-11 BerLineSignalFailure

Alarm	Attributes	Supported releases
Name: BerLineSignalFailure (89) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalFailure (75)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sf alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		

Table 11-12 BfdInterfaceConnectionBroken

Alarm	Attributes	Supported releases
Name: BfdInterfaceConnectionBroken (3329) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		

Table 11-13 BfdInterfaceConnectionDown

Alarm	Attributes	Supported releases
Name: BfdInterfaceConnectionDown (3330) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		

Table 11-14 BfdInterfaceConnectionPeerDetectsDown

Alarm	Attributes	Supported releases
Name: BfdInterfaceConnectionPeerDetectsDown (3331) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 11-15 BgpDown

Alarm	Attributes	Supported releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-16 BITS2NotQualified

Alarm	Attributes	Supported releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 11-17 BITSNotQualified

Alarm	Attributes	Supported releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 11-18 BITSReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 11-19 BITSReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 11-20 BITSReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 11-21 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 11-22 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 11-23 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 11-24 BundleDown

Alarm	Attributes	Supported releases
Name: BundleDown (152) Type: equipmentAlarm (3) Package: bundle Raised on class: bundle.Interface	Severity: critical Implicitly cleared: true Default probable cause: bundleDown (128)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when the bundle Administrative State is Up and the Operational State is Down.		
Raising condition: (('Protection Type' EQUAL 'None') AND ('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up') AND ('specificCardType' NOT EQUAL '16 x E1 (ASAP)'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-25 CcagDown

Alarm	Attributes	Supported releases
Name: CcagDown (210) Type: equipmentAlarm (3) Package: ccag Raised on class: ccag.CrossConnectAggregationGroup	Severity: major Implicitly cleared: true Default probable cause: CcagDown (163)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the CCAG Administrative State is Up and the Operational State is Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-26 CesBfrOverrun

Alarm	Attributes	Supported releases
Name: CesBfrOverrun (448) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer overrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		

Table 11-27 CesBfrUnderrun

Alarm	Attributes	Supported releases
Name: CesBfrUnderrun (449) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer underrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		

Table 11-28 CesMalformedPkts

Alarm	Attributes	Supported releases
Name: CesMalformedPkts (446) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: malformedPackets (320)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects one or more malformed packets.		
Raising condition: (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		

Table 11-29 CesPktLoss

Alarm	Attributes	Supported releases
Name: CesPktLoss (447) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfPacket (321)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when the 5620 SAM detects a packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		

Table 11-30 CesRmtPktLoss

Alarm	Attributes	Supported releases
Name: CesRmtPktLoss (450) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: farEndLossOfPacket (323)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when the 5620 SAM detects a remote packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		

Table 11-31 CesRmtRdi

Alarm	Attributes	Supported releases
Name: CesRmtRdi (452) Type: configurationAlarm (11) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: farEndRdi (325)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when the 5620 SAM detects a remote RDI.		
Raising condition: (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		

Table 11-32 CesRmtTdmFault

Alarm	Attributes	Supported releases
Name: CesRmtTdmFault (451) Type: configurationAlarm (11) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: tdmFarEndFault (324)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when the 5620 SAM detects a remote TDM fault.		
Raising condition: (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		

Table 11-33 CesStrayPkts

Alarm	Attributes	Supported releases
Name: CesStrayPkts (445) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: strayPackets (319)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when the 5620 SAM detects received stray packets.		
Raising condition: (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		

Table 11-34 CircuitStpExceptionCondition

Alarm	Attributes	Supported releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: l2fwd Raised on class: l2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		

Table 11-35 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 11-36 ConfigurationRollBackStatus

Alarm	Attributes	Supported releases
Name: ConfigurationRollBackStatus (3684) Type: configurationRollBackAlarm (103) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackOperationPerformed (1422)	<ul style="list-style-type: none"> 9.0.0
Description: The alarm is raised when a configuration rollback operation is performed.		

Table 11-37 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 11-38 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 11-39 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 11-40 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 11-41 CpmProtectionExceedEntry

Alarm	Attributes	Supported releases
Name: CpmProtectionExceedEntry (2925) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtExcdEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a packet stream has exceeded its per-source limit.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		

Table 11-42 CpmProtectionViolationIfEntry

Alarm	Attributes	Supported releases
Name: CpmProtectionViolationIfEntry (2926) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolIfEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the interface is violated		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		

Table 11-43 CpmProtectionViolationPortEntry

Alarm	Attributes	Supported releases
Name: CpmProtectionViolationPortEntry (2927) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolPortEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the port is violated		
Raising condition: (('Number of Per-port Violations' NOT EQUAL '0L') OR ('Number of Link-specific Violations' NOT EQUAL '0L'))		

Table 11-44 CpmProtectionViolationSAPEntry

Alarm	Attributes	Supported releases
Name: CpmProtectionViolationSAPEntry (2928) Type: communications (87) Package: sitesec Raised on class: sitesec.CpmProtViolSapEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the SAP is violated		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		

Table 11-45 DDMAux1HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1HighAlarm (495) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1HighAlarm (381)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Alarm'))		

Table 11-46 DDMAux1HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux1HighWarning (494) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1HighWarning (380)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Warning'))		

Table 11-47 DDMAux1LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1LowAlarm (493) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1LowAlarm (379)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Alarm'))		

Table 11-48 DDMAux1LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux1LowWarning (492) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1LowWarning (378)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Warning'))		

Table 11-49 DDMAux2HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2HighAlarm (499) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2HighAlarm (385)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Alarm'))		

Table 11-50 DDMAux2HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux2HighWarning (498) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2HighWarning (384)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Warning'))		

Table 11-51 DDMAux2LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2LowAlarm (497) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2LowAlarm (383)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Alarm'))		

Table 11-52 DDMAux2LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux2LowWarning (496) Type: communicatiothresholdAlarmnsAlarm (50) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2LowWarning (382)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Warning'))		

Table 11-53 DDMRxOpticalPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighAlarm (491) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerHighAlarm (377)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Alarm'))		

Table 11-54 DDMRxOpticalPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighWarning (490) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerHighWarning (376)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Warning'))		

Table 11-55 DDMRxOpticalPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowAlarm (489) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerLowAlarm (375)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Alarm'))		

Table 11-56 DDMRxOpticalPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowWarning (488) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerLowWarning (374)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Warning'))		

Table 11-57 DDMSupplyVoltageHighAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighAlarm (479) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageHighAlarm (365)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Alarm'))		

Table 11-58 DDMSupplyVoltageHighWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighWarning (478) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageHighWarning (364)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Warning'))		

Table 11-59 DDMSupplyVoltageLowAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowAlarm (477) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageLowAlarm (363)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Alarm'))		

Table 11-60 DDMSupplyVoltageLowWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowWarning (476) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageLowWarning (362)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Warning'))		

Table 11-61 DDMTemperatureHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighAlarm (475) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureHighAlarm (361)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Alarm'))		

Table 11-62 DDMTemperatureHighWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighWarning (474) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureHighWarning (360)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Warning'))		

Table 11-63 DDMTemperatureLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowAlarm (473) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureLowAlarm (359)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Alarm'))		

Table 11-64 DDMTemperatureLowWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowWarning (472) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureLowWarning (358)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Warning'))		

Table 11-65 DDMTxBiasCurrentHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighAlarm (483) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentHighAlarm (369)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Alarm'))		

Table 11-66 DDMTxBiasCurrentHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighWarning (482) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentHighWarning (368)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Warning'))		

Table 11-67 DDMTxBiasCurrentLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowAlarm (481) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentLowAlarm (367)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Alarm'))		

Table 11-68 DDMTxBiasCurrentLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowWarning (480) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentLowWarning (366)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Warning'))		

Table 11-69 DDMTxOutputPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighAlarm (487) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerHighAlarm (373)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Alarm'))		

Table 11-70 DDMTxOutputPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighWarning (486) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerHighWarning (372)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Warning'))		

Table 11-71 DDMTxOutputPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowAlarm (485) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerLowAlarm (371)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power Low Alarm'))		

Table 11-72 DDMTxOutputPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowWarning (484) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerLowWarning (370)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power Low Warning'))		

Table 11-73 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 11-74 DS1E1AlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: DS1E1AlarmIndicationSignal (112) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		

Table 11-75 DS1E1Looped

Alarm	Attributes	Supported releases
Name: DS1E1Looped (126) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		

Table 11-76 DS1E1LossOfSignal

Alarm	Attributes	Supported releases
Name: DS1E1LossOfSignal (124) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

Table 11-77 DS1E1OutOfFrame

Alarm	Attributes	Supported releases
Name: DS1E1OutOfFrame (125) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		

Table 11-78 DS1E1ResourceAvailabilityIndicator

Alarm	Attributes	Supported releases
Name: DS1E1ResourceAvailabilityIndicator (114) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		

Table 11-79 DS1E1SignalDegradation

Alarm	Attributes	Supported releases
Name: DS1E1SignalDegradation (500) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalDegradation (386)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SD alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		

Table 11-80 DS1E1SignalFailure

Alarm	Attributes	Supported releases
Name: DS1E1SignalFailure (501) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalFailure (387)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 11-81 DS3E3AlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: DS3E3AlarmIndicationSignal (115) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		

Table 11-82 DS3E3Looped

Alarm	Attributes	Supported releases
Name: DS3E3Looped (120) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		

Table 11-83 DS3E3LossOfSignal

Alarm	Attributes	Supported releases
Name: DS3E3LossOfSignal (116) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

Table 11-84 DS3E3OutOfFrame

Alarm	Attributes	Supported releases
Name: DS3E3OutOfFrame (117) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		

Table 11-85 DS3E3ResourceAvailability

Alarm	Attributes	Supported releases
Name: DS3E3ResourceAvailability (119) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		

Table 11-86 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 11-87 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 11-88 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 11-89 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 11-90 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 11-91 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 11-92 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 11-93 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 11-94 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 11-95 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 11-96 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 11-97 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 11-98 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 11-99 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 11-100 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 11-101 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 11-102 ExternalTimingReferenceNotQualified

Alarm	Attributes	Supported releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified' NOT EQUAL 'Not Qualified'))		

Table 11-103 FailoverUnavailable

Alarm	Attributes	Supported releases
Name: FailoverUnavailable (1155) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: minor Implicitly cleared: true Default probable cause: failoverUnavailable (858)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when the Local DHCP Server Failover has a state other than Normal.		
Raising condition: (('Operational State' NOT EQUAL 'Normal'))		
Clearing condition: (('Operational State' EQUAL 'Normal'))		

Table 11-104 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 11-105 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 11-106 ForwardingTableSizeLimitReached

Alarm	Attributes	Supported releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: l2fwd Raised on class: l2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by l2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by l2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		

Table 11-107 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 11-108 FrameSizeProblem (svt)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		

Table 11-109 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteegsn Raised on class: lteegsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 11-110 GroupDown

Alarm	Attributes	Supported releases
Name: GroupDown (69) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Group	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a RIP group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 11-111 GroupInterfaceDown

Alarm	Attributes	Supported releases
Name: GroupInterfaceDown (441) Type: GroupInterfaceAlarm (44) Package: service Raised on class: service.GroupInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that a group interface is operationally down. The alarm clears when the group interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 11-112 IGHMisconfigured

Alarm	Attributes	Supported releases
Name: IGHMisconfigured (827) Type: ighAlarm (74) Package: igh Raised on class: igh.InterfaceGroupHandler	Severity: major Implicitly cleared: true Default probable cause: IGHProtocolMismatch (590)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when the IGH is administratively up but none of the IGH protocols is operationally up.		
Raising condition: (('igh_misconfigured' EQUAL '\yes\') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('igh_misconfigured' NOT EQUAL '\yes\') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-113 IgmpDown

Alarm	Attributes	Supported releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-114 IncompleteConfig (multichassis)

Alarm	Attributes	Supported releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisSync multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mcLagPointer' EQUAL '\'\')		
Clearing condition: ('mcLagPointer' NOT EQUAL '\'\')		

Table 11-115 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 11-116 IncorrectEndPointPeerConfig

Alarm	Attributes	Supported releases
Name: IncorrectEndPointPeerConfig (1068) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: major Implicitly cleared: true Default probable cause: incompleteEPPeerConfig (810)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('MC EndPoint Group Pointer' EQUAL '\')		
Clearing condition: ('MC EndPoint Group Pointer' NOT EQUAL '\')		

Table 11-117 IncorrectNeighborConfig

Alarm	Attributes	Supported releases
Name: IncorrectNeighborConfig (609) Type: configurationAlarm (11) Package: aps Raised on class: aps.ApsGroup	Severity: major Implicitly cleared: true Default probable cause: incorrectNeighborConfig (452)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the peer does not exist or the neighbor address does not point to a network interface on the NE that contains the peer object.		
Raising condition: (('Type' EQUAL 'MultiChassis') AND ('Neighbor match' EQUAL 'false'))		
Clearing condition: (('Type' EQUAL 'SingleChassis') OR ('Neighbor match' EQUAL 'true'))		

Table 11-118 IncorrectPeerConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.Peer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		

Table 11-119 IncorrectPeerSynchronizationPortConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerSynchronizationPortConfig (780) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPort	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortConfig (555)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the peer port does not exist, or when the peer port exists but the synchronization tags of the peers do not match.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		

Table 11-120 IncorrectPeerSynchronizationPortEncapRangeConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerSynchronizationPortEncapRangeConfig (781) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPortEncapRange	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortEncapRangeConfig (556)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the VLAN ranges on the Multi-Chassis synchronization peers do not match.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		

Table 11-121 InstanceDown (srrp)

Alarm	Attributes	Supported releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that an SRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' EQUAL 'Initialize'))		
Clearing condition: (('Operational State' NOT EQUAL 'Initialize') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-122 InstanceDown (vrrp)

Alarm	Attributes	Supported releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that a VRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-123 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 11-124 InterfaceDown (service)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: service Raised on class: service.RedundantInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when the 5620 SAM detects that a redundant interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 11-125 InterfaceDown (vpls)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 11-126 InterfaceDown (vprn)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vprn Raised on class: vprn.IPMirrorInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when the 5620 SAM detects that an interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 11-127 InterfaceNeighborDown

Alarm	Attributes	Supported releases
Name: InterfaceNeighborDown (661) Type: NeighborDown (20) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when an interface neighbor is operationally down.		
Raising condition: (('Neighbor Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'true'))		
Clearing condition: (('Neighbor Count' NOT EQUAL '0L') OR ('Passive' EQUAL 'true'))		

Table 11-128 IsaAaGrpDown

Alarm	Attributes	Supported releases
Name: IsaAaGrpDown (647) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: major Implicitly cleared: true Default probable cause: IsaAaGrpDown (482)	<ul style="list-style-type: none"> 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when an ISA-AA group Operational State is Down, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-129 IsaAaSubUnassigned

Alarm	Attributes	Supported releases
Name: IsaAaSubUnassigned (836) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: true Default probable cause: IsaAaSubUnassigned (596)	<ul style="list-style-type: none"> 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when a subscriber cannot be assigned to an ISA-AA MDA in an AA group because of insufficient service queues, a high AA subscriber count, or a high AA subscriber statistics collection rate. The unassigned subscriber is treated as specified by the Operation Upon Failure parameter in the AA group. Recovery from this condition requires the removal and recreation of the AA subscriber when sufficient resources are available.		
Raising condition: (('Number of Unassigned ESM Subscribers' NOT EQUAL '0L') OR ('Number of Unassigned SAP Subscribers' NOT EQUAL '0L') OR ('Number of Unassigned Spoke SDP Subscribers' NOT EQUAL '0L'))		
Clearing condition: (('Number of Unassigned ESM Subscribers' EQUAL '0L') AND ('Number of Unassigned SAP Subscribers' EQUAL '0L') AND ('Number of Unassigned Spoke SDP Subscribers' EQUAL '0L'))		

Table 11-130 IsaVideoGrpDown

Alarm	Attributes	Supported releases
Name: IsaVideoGrpDown (775) Type: equipmentAlarm (3) Package: isa Raised on class: isa.VideoGroup	Severity: major Implicitly cleared: true Default probable cause: IsaVideoGrpDown (550)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when the Operational State of an ISA video group is Down and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-131 IsisAdjacencyDown

Alarm	Attributes	Supported releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		

Table 11-132 IsisDown

Alarm	Attributes	Supported releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-133 IsisInterfaceDown

Alarm	Attributes	Supported releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 11-134 KeepAliveProblem

Alarm	Attributes	Supported releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		

Table 11-135 L2TPDown

Alarm	Attributes	Supported releases
Name: L2TPDown (841) Type: ProtocolAlarm (1) Package: l2tp Raised on class: l2tp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when an L2TP site becomes administratively down. The alarm clears when the L2TP site becomes administratively up.		
Raising condition: ('Administrative State' EQUAL 'Down')		
Clearing condition: ('Administrative State' EQUAL 'Up')		

Table 11-136 LabelProblem

Alarm	Attributes	Supported releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		

Table 11-137 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-138 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 11-139 LdpDown

Alarm	Attributes	Supported releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-140 LdpSessionNonexistent

Alarm	Attributes	Supported releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an LDP session is nonexistent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		

Table 11-141 LdpTargetedPeerDown

Alarm	Attributes	Supported releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 11-142 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 11-143 LineAlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: LineAlarmIndicationSignal (84) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineAlarmIndicationSignal (70)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports an LAIS error. The alarm corresponds to the lais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		

Table 11-144 LineErrorCondition

Alarm	Attributes	Supported releases
Name: LineErrorCondition (94) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineErrorCondition (80)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a line error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		

Table 11-145 LineRemoteDefectIndication

Alarm	Attributes	Supported releases
Name: LineRemoteDefectIndication (85) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineRemoteDefectIndication (71)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a line remote defect indication error caused by an LOF, LOC, or LOS condition. The alarm corresponds to the lrdi alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		

Table 11-146 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 11-147 LocalRncvOperDown

Alarm	Attributes	Supported releases
Name: LocalRncvOperDown (521) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: localRncvDisconnected (396)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the local RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Local Operational State' NOT EQUAL 'Connected') AND ('Local Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Local Operational State' EQUAL 'Connected') OR ('Local Operational State' EQUAL 'Not Tested'))		

Table 11-148 LossOfClock (sonetequipment)

Alarm	Attributes	Supported releases
Name: LossOfClock (83) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfClock (69)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports an LOC condition, which causes the NE to set the port Operational State to Down.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		

Table 11-149 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 11-150 LspDown

Alarm	Attributes	Supported releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 11-151 LspPathBypassTunnelActive

Alarm	Attributes	Supported releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		

Table 11-152 LspPathDown

Alarm	Attributes	Supported releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: lspPathDown (20)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		

Table 11-153 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 11-154 macMoveRateExceeded (svt)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		

Table 11-155 MCLagDown (lag)

Alarm	Attributes	Supported releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mclagDown (295)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 11-156 MCLagDown (multichassis)

Alarm	Attributes	Supported releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mclagDown (295)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-157 MCPeerEPDown

Alarm	Attributes	Supported releases
Name: MCPeerEPDown (1069) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: critical Implicitly cleared: true Default probable cause: MCPeerEPDown (811)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MC endpoint is operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-158 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 11-159 MigrationCompleted

Alarm	Attributes	Supported releases
Name: MigrationCompleted (753) Type: migrationComplete (62) Package: equipment Raised on class: equipment.NeCardSwapTask	Severity: info Implicitly cleared: false Default probable cause: migrationComplete (529)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a card migration event completes.		
Raising condition: ('Status' EQUAL 'Migration completed')		

Table 11-160 MigrationFailed

Alarm	Attributes	Supported releases
Name: MigrationFailed (754) Type: migrationFailure (63) Package: equipment Raised on class: equipment.NeCardSwapTask	Severity: major Implicitly cleared: false Default probable cause: migrationFailure (530)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a card migration event fails.		
Raising condition: (('Status' EQUAL 'Failed - Latest configuration not available') OR ('Status' EQUAL 'Failed - Unable to migrate configuration') OR ('Status' EQUAL 'Failed - Unable to transfer migrated configuration') OR ('Status' EQUAL 'Failed - Unable to reboot network element'))		

Table 11-161 MissingLocalEntry

Alarm	Attributes	Supported releases
Name: MissingLocalEntry (291) Type: configurationAlarm (11) Package: l2fwd Raised on class: l2fwd.ServiceMacProtection	Severity: minor Implicitly cleared: true Default probable cause: Protected_Mac_Address_Not_Global (222)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a protected MAC address is not configured on all sites of a VPLS. This can occur if the protected MAC address is added or removed using a CLI.		
Raising condition: ('isEntryGlobal' EQUAL 'false')		
Clearing condition: ('isEntryGlobal' EQUAL 'true')		

Table 11-162 MldDown

Alarm	Attributes	Supported releases
Name: MldDown (587) Type: ProtocolAlarm (1) Package: mld Raised on class: mld.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when an MLD site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-163 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 11-164 MplsDown

Alarm	Attributes	Supported releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-165 MplsPathUpdateFailed

Alarm	Attributes	Supported releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: ('Last Performed State' EQUAL 'Success')		

Table 11-166 MrpAttrTblSizeLimitReached

Alarm	Attributes	Supported releases
Name: MrpAttrTblSizeLimitReached (574) Type: resourceAlarm (28) Package: l2fwd Raised on class: l2fwd.SiteMrp	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the number of MRP attribute table entries for a service site exceeds the high watermark specified by l2fwd.SiteMrp.mrpAttrTblHighWatermark. The alarm clears when the number of MRP attribute table entries for the site drops below the low watermark specified by l2fwd.SiteMrp.mrpAttrTblLowWatermark.		
Raising condition: (('MRP Attribute Count' >= 'MRP Max Attributes') OR ('MRP Attribute Count' >= (('MRP Attribute-Table-High-Watermark' * 'MRP Max Attributes') / 100.0)))		
Clearing condition: (('MRP Attribute Count' < 'MRP Max Attributes') AND (('MRP Attribute-Table-High-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))) AND (('MRP Attribute-Table-Low-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))))		

Table 11-167 MsdpDown

Alarm	Attributes	Supported releases
Name: MsdpDown (353) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when an MSDP site is administratively down. The alarm clears when the site is administratively up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		

Table 11-168 MultiChassisRingDown

Alarm	Attributes	Supported releases
Name: MultiChassisRingDown (520) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: ringDown (395)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a MC ring group Operational State is not in the Connected state. The alarm is cleared when the ring group enters the Connected state.		
Raising condition: ('Operational State' NOT EQUAL 'Connected')		
Clearing condition: ('Operational State' EQUAL 'Connected')		

Table 11-169 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Supported releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		

Table 11-170 MvrConfiguredProxySapNotExist

Alarm	Attributes	Supported releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		
Raising condition: ('proxySapExists' EQUAL 'false')		
Clearing condition: ('proxySapExists' EQUAL 'true')		

Table 11-171 NeighborDown

Alarm	Attributes	Supported releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		

Table 11-172 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		

Table 11-173 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 11-174 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 11-175 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 11-176 NoPeerMcRingFound

Alarm	Attributes	Supported releases
Name: NoPeerMcRingFound (782) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: IncompleteConfig (557)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM cannot find the peer MC ring.		
Raising condition: ('Peer Multi-Chassis Ring' EQUAL '\\"')'		
Clearing condition: ('Peer Multi-Chassis Ring' NOT EQUAL '\\"')'		

Table 11-177 OspfInterfaceDown

Alarm	Attributes	Supported releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		

Table 11-178 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 11-179 PeerConnectionDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-180 PeerConnectionDown (msdp)

Alarm	Attributes	Supported releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when the connectionState of this peer changes from Established to a state other than Established. The alarm clears when the connectionState of this peer returns to the Established state.		
Raising condition: (('connectionState' NOT EQUAL 'Established') AND ('administrativeState' EQUAL 'Up'))		
Clearing condition: (('connectionState' EQUAL 'Established') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 11-181 PeerDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-182 PeerDown (msdp)

Alarm	Attributes	Supported releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when the Administrative State of a peer changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('administrativeState' EQUAL 'Down'))		
Clearing condition: (('administrativeState' NOT EQUAL 'Down'))		

Table 11-183 PeerGroupDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-184 PeerGroupDown (msdp)

Alarm	Attributes	Supported releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when the Administrative State of a peer group changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		

Table 11-185 PeerLacIngressEgressFault

Alarm	Attributes	Supported releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		

Table 11-186 PeerUnreachable

Alarm	Attributes	Supported releases
Name: PeerUnreachable (842) Type: ProtocolAlarm (1) Package: l2tp Raised on class: l2tp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when an L2TP peer becomes unreachable.		
Raising condition: ('Status' EQUAL 'Unreachable')		
Clearing condition: ('Status' EQUAL 'Reachable')		

Table 11-187 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 11-188 PimDown

Alarm	Attributes	Supported releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: This alarm is raised when a PIM site is administratively Up but operationally Down. The alarm clears when the site becomes operationally Up or administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-189 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 11-190 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 11-191 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 11-192 PppLoopbackDetected

Alarm	Attributes	Supported releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		

Table 11-193 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 11-194 PrimaryPathLimitReached

Alarm	Attributes	Supported releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit'))"		
Clearing condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit'))		

Table 11-195 PTPNotQualified

Alarm	Attributes	Supported releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 11-196 PTPPeerLossOfAnnounce

Alarm	Attributes	Supported releases
Name: PTPPeerLossOfAnnounce (3608) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfAnnounce (1397)	<ul style="list-style-type: none"> 9.0.0
Description: The alarm is raised when the peer is in the 'Packet Timing Signal Fail (Loss Announce)' state, indicating that it is not receiving PTP announce messages from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Announce'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Announce'))		

Table 11-197 PTPPeerLossOfSync

Alarm	Attributes	Supported releases
Name: PTPPeerLossOfSync (3609) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEETPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfSync (1398)	<ul style="list-style-type: none"> 9.0.0
Description: The alarm is raised when the peer is in the 'Packet Timing Signal Fail (Loss Sync)' state, indicating that it is not receiving PTP timing messages from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Sync'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Sync'))		

Table 11-198 PTPReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 11-199 PTPReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 11-200 PTPReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 11-201 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 11-202 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 11-203 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 11-204 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 11-205 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 11-206 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 11-207 RemoteRncvOperDown

Alarm	Attributes	Supported releases
Name: RemoteRncvOperDown (522) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: remoteRncvDisconnected (397)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the remote RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Remote Operational State' NOT EQUAL 'Connected') AND ('Remote Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Remote Operational State' EQUAL 'Connected') OR ('Remote Operational State' EQUAL 'Not Tested'))		

Table 11-208 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-209 RouteDistinguisherNotConfigured

Alarm	Attributes	Supported releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: l3fwd Raised on class: l3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL '\00 00 00 00 00 00 00 00')		
Clearing condition: ('routeDistinguisher' NOT EQUAL '\00 00 00 00 00 00 00 00')		

Table 11-210 RsvpDown

Alarm	Attributes	Supported releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 11-211 RxSectionSynchronizationError

Alarm	Attributes	Supported releases
Name: RxSectionSynchronizationError (93) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: rxSectionSynchronizationError (79)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		

Table 11-212 S2LPathBypassTunnelActive

Alarm	Attributes	Supported releases
Name: S2LPathBypassTunnelActive (777) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: warning Implicitly cleared: true Default probable cause: S2LPathReroutedToBypassTunnel (552)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when the bypass tunnel in an S2L path becomes active. The alarm clears when the bypass tunnel is no longer active, for example, because a primary tunnel failure is resolved or a new path is established.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		

Table 11-213 S2LPathDown

Alarm	Attributes	Supported releases
Name: S2LPathDown (778) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: major Implicitly cleared: true Default probable cause: S2LPathDown (553)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when the S2L path Administrative State is Up and the Operational State is not Up. The alarm clears when the S2L path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 11-214 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 11-215 SdpBindingDown

Alarm	Attributes	Supported releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		

Table 11-216 SdpBindingTunnelDown

Alarm	Attributes	Supported releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		

Table 11-217 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Supported releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the sdp egress interfaces consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		

Table 11-218 SecondaryPathLimitReached

Alarm	Attributes	Supported releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit')))		
Clearing condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit')))		

Table 11-219 SectionB1Error

Alarm	Attributes	Supported releases
Name: SectionB1Error (87) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionB1Error (73)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a section error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		

Table 11-220 SectionLossOfFrame

Alarm	Attributes	Supported releases
Name: SectionLossOfFrame (90) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfFrame (76)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a SLOF error. The alarm corresponds to the slof alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		

Table 11-221 SectionLossOfSignal

Alarm	Attributes	Supported releases
Name: SectionLossOfSignal (91) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfSignal (77)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a SLOS error. The alarm corresponds to the slos alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		

Table 11-222 SectionS1Failure

Alarm	Attributes	Supported releases
Name: SectionS1Failure (86) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionS1Failure (72)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		

Table 11-223 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 11-224 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 11-225 ShamLinkDown

Alarm	Attributes	Supported releases
Name: ShamLinkDown (665) Type: ShamLinkAlarm (57) Package: ospf Raised on class: ospf.ShamLink	Severity: critical Implicitly cleared: true Default probable cause: ShamLinkDown (492)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when a sham link is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 11-226 SingleSFMOverloadDetected

Alarm	Attributes	Supported releases
Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: l3fwd Raised on class: l3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: singleSfmOverloadDetected (601)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.		
Raising condition: ('Overload State' EQUAL 'Overload')		
Clearing condition: ('Overload State' EQUAL 'Normal')		

Table 11-227 SonetPathAlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: SonetPathAlarmIndicationSignal (129) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathAlarmIndicationSignal (63)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when a SONET port reports a PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))))		

Table 11-228 SonetPathB3Error

Alarm	Attributes	Supported releases
Name: SonetPathB3Error (132) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathB3Error (66)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a path error condition because of b3 errors. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		

Table 11-229 SonetPathLossOfCodegroupDelineationError

Alarm	Attributes	Supported releases
Name: SonetPathLossOfCodegroupDelineationError (248) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfCodegroupDelineationError (185)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a PLCD error. The alarm corresponds to the plcd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		

Table 11-230 SonetPathLossOfPointer

Alarm	Attributes	Supported releases
Name: SonetPathLossOfPointer (130) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfPointer (64)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a PLOP error. The alarm corresponds to the plop alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		

Table 11-231 SonetPathPayloadMismatch

Alarm	Attributes	Supported releases
Name: SonetPathPayloadMismatch (133) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathPayloadMismatch (67)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a PPLM error on a channel, after which the channel is set operationally down. The alarm corresponds to the pplm alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		

Table 11-232 SonetPathRemoteB3Error

Alarm	Attributes	Supported releases
Name: SonetPathRemoteB3Error (134) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteB3Error (68)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a path error condition that a remote NE raises because of b3 errors received from the local NE. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		

Table 11-233 SonetPathRemoteDefectIndication

Alarm	Attributes	Supported releases
Name: SonetPathRemoteDefectIndication (131) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteDefectIndication (65)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a remote PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		

Table 11-234 SonetPathUnequippedPathError

Alarm	Attributes	Supported releases
Name: SonetPathUnequippedPathError (143) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathUnequippedPathError (114)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a path unequipped error. The alarm corresponds to the puneq alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		

Table 11-235 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 11-236 StpExceptionCondition

Alarm	Attributes	Supported releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		

Table 11-237 StpRootGuardViolation

Alarm	Attributes	Supported releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		

Table 11-238 SubscriberInterfaceDown

Alarm	Attributes	Supported releases
Name: SubscriberInterfaceDown (440) Type: SubscriberInterfaceAlarm (43) Package: service Raised on class: service.SubscriberInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when a subscriber interface is operationally down. The alarm clears when the subscriber interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 11-239 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 11-240 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 11-241 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 11-242 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 11-243 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 11-244 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 11-245 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 11-246 TunnelDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 11-247 TunnelDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 11-248 TxSectionSynchronizationError

Alarm	Attributes	Supported releases
Name: TxSectionSynchronizationError (92) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: txSectionSynchronizationError (78)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports an SS1F error. The alarm corresponds to the ss1f alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		

Table 11-249 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 11-250 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 11-251 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 11-252 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 11-253 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 11-254 VideoInterfaceDown

Alarm	Attributes	Supported releases
Name: VideoInterfaceDown (794) Type: VideoInterfaceAlarm (72) Package: service Raised on class: service.VideoInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when a video interface is operationally down. The alarm clears when the video interface is operationally up.		
Raising condition: ('Operational State' NOT EQUAL 'Up')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 11-255 VirtualLinkDown

Alarm	Attributes	Supported releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 11-256 VirtualNeighborDown

Alarm	Attributes	Supported releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		

Table 11-257 WaveTrackerEncoderDegrade

Alarm	Attributes	Supported releases
Name: WaveTrackerEncoderDegrade (821) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: EncoderDegrade (584)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when a device reports an encoder degradation on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Encoder Degrade') AND ('Reported Alarms'anyBit'Encoder Degrade'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Encoder Degrade') AND ('Reported Alarms'anyBit'Encoder Degrade'))		

Table 11-258 WaveTrackerEncoderFailure

Alarm	Attributes	Supported releases
Name: WaveTrackerEncoderFailure (822) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: EncoderFailure (585)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when a device reports an encoder failure on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Encoder Failure') AND ('Reported Alarms'anyBit'Encoder Failure'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Encoder Failure') AND ('Reported Alarms'anyBit'Encoder Failure'))		

Table 11-259 WaveTrackerPowerControlDegrade

Alarm	Attributes	Supported releases
Name: WaveTrackerPowerControlDegrade (823) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControlDegrade (586)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when a device reports a power control degradation on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Degrade') AND ('Reported Alarms'anyBit'Power Control Degrade'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Power Control Degrade') AND ('Reported Alarms'anyBit'Power Control Degrade'))		

Table 11-260 WaveTrackerPowerControlFailure

Alarm	Attributes	Supported releases
Name: WaveTrackerPowerControlFailure (824) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WaveLengthTracker	Severity: critical Implicitly cleared: true Default probable cause: PowerControlFailure (587)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when a device reports a power control failure on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Failure') AND ('Reported Alarms'anyBit'Power Control Failure'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Power Control Failure') AND ('Reported Alarms'anyBit'Power Control Failure'))		

Table 11-261 WaveTrackerPowerControlHighlimit

Alarm	Attributes	Supported releases
Name: WaveTrackerPowerControlHighlimit (825) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControlHighlimit (588)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when a device reports a power control high limit on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control High limit reached') AND ('Reported Alarms'anyBit'Power Control High limit reached'))		
Clearing condition: NOT (((('Configured Alarms'anyBit'Power Control High limit reached') AND ('Reported Alarms'anyBit'Power Control High limit reached'))		

Table 11-262 WaveTrackerPowerControlLowlimit

Alarm	Attributes	Supported releases
Name: WaveTrackerPowerControlLowlimit (826) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControlLowlimit (589)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when a device reports a power control low limit on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Low limit reached') AND ('Reported Alarms'anyBit'Power Control Low limit reached'))		
Clearing condition: NOT (((('Configured Alarms'anyBit'Power Control Low limit reached') AND ('Reported Alarms'anyBit'Power Control Low limit reached'))		

Table 11-263 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		

Table 11-264 XplError

Alarm	Attributes	Supported releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		

12 – Alcatel-Lucent 7701 CPAA alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 12-1 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none">• 1.0.0• 2.0.0• 3.0.0• 4.0.0• 5.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 12-2 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 12-3 AncillaryPathLimitReached

Alarm	Attributes	Supported releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 1.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' >= (1000 * 'Ancillary Path Limit'))"		
Clearing condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit'))"		

Table 12-4 AreaTypeMismatch

Alarm	Attributes	Supported releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		

Table 12-5 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 12-6 BgpASAdminDomainNumberMismatch

Alarm	Attributes	Supported releases
Name: BgpASAdminDomainNumberMismatch (427) Type: configurationAlarm (11) Package: topology Raised on class: topology.Cpaa	Severity: critical Implicitly cleared: true Default probable cause: configuredASNotMatchBgpASAdminDomain (338)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a 7701 CPAA BGP AS does not match the BGP AS administrative domain.		
Raising condition: ('BGP AS Number Mismatch' EQUAL 'true')		
Clearing condition: ('BGP AS Number Mismatch' EQUAL 'false')		

Table 12-7 BgpDown

Alarm	Attributes	Supported releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 12-8 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 12-9 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 12-10 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 12-11 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 12-12 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 12-13 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 12-14 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 12-15 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 12-16 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 12-17 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 12-18 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 12-19 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 12-20 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 12-21 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 12-22 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 12-23 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 12-24 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 12-25 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 12-26 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 12-27 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 12-28 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 12-29 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 12-30 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 12-31 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 12-32 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 12-33 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 12-34 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 12-35 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 12-36 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteegsn Raised on class: lteegsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 12-37 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 12-38 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 12-39 IsisAdjacencyDown

Alarm	Attributes	Supported releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		

Table 12-40 IsisDown

Alarm	Attributes	Supported releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 12-41 IsisInterfaceDown

Alarm	Attributes	Supported releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 12-42 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 12-43 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 12-44 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 12-45 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 12-46 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 12-47 NeighborDown

Alarm	Attributes	Supported releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		

Table 12-48 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		

Table 12-49 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 12-50 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 12-51 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 12-52 OspflInterfaceDown

Alarm	Attributes	Supported releases
Name: OspflInterfaceDown (141) Type: OspflInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspflInterfaceDown (112)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		

Table 12-53 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 12-54 PeerConnectionDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 12-55 PeerDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 12-56 PeerGroupDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 12-57 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 12-58 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 12-59 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 12-60 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 12-61 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 12-62 PrimaryPathLimitReached

Alarm	Attributes	Supported releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit'))"		
Clearing condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit'))		

Table 12-63 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0 5.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 12-64 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0 5.0.0
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 12-65 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 12-66 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 12-67 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 12-68 SecondaryPathLimitReached

Alarm	Attributes	Supported releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit'))"		
Clearing condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit'))		

Table 12-69 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0 5.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 12-70 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0 5.0.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 12-71 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0 5.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 12-72 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetEquipment Raised on class: ethernetEquipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 12-73 TooManyCpaaForIsisLevel2

Alarm	Attributes	Supported releases
Name: TooManyCpaaForIsisLevel2 (384) Type: configurationAlarm (11) Package: topology Raised on class: topology.Cpaa	Severity: critical Implicitly cleared: true Default probable cause: tooManyCpaaForIsisLevel2 (288)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when there are too many 7701 CPAAs for IS-IS level 2.		
Raising condition: ('Too Many CPAAs (ISIS Level 2)' EQUAL 'true')		
Clearing condition: ('Too Many CPAAs (ISIS Level 2)' EQUAL 'false')		

Table 12-74 TooManyCpaaPerOspfArea

Alarm	Attributes	Supported releases
Name: TooManyCpaaPerOspfArea (383) Type: configurationAlarm (11) Package: topology Raised on class: topology.Cpaa	Severity: critical Implicitly cleared: true Default probable cause: tooManyCpaaPerOspfArea (287)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when there are too many 7701 CPAAs for an OSPF area.		
Raising condition: ('Too Many CPAAs (OSPF Area)' EQUAL 'true')		
Clearing condition: ('Too Many CPAAs (OSPF Area)' EQUAL 'false')		

Table 12-75 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0 5.0.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 12-76 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0 5.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'In Band Preferred') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 12-77 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 12-78 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 12-79 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 12-80 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 12-81 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 12-82 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 12-83 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

Table 12-84 XplError

Alarm	Attributes	Supported releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 1.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		

13 — Alcatel-Lucent 7705 SAR alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 13-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 1.0.0• 2.0.0• 3.0.0• 4.0.0• 5.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 13-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 13-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 13-4 AncillaryPathLimitReached

Alarm	Attributes	Supported releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' >= " (1000 * 'Ancillary Path Limit')"))		
Clearing condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit')))		

Table 13-5 AreaTypeMismatch

Alarm	Attributes	Supported releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		

Table 13-6 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 13-7 BerLineSignalDegradation

Alarm	Attributes	Supported releases
Name: BerLineSignalDegradation (88) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalDegradation (74)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		

Table 13-8 BerLineSignalFailure

Alarm	Attributes	Supported releases
Name: BerLineSignalFailure (89) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalFailure (75)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sf alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		

Table 13-9 BgpDown

Alarm	Attributes	Supported releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 13-10 BITS2NotQualified

Alarm	Attributes	Supported releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 13-11 BITSNotQualified

Alarm	Attributes	Supported releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 13-12 BITSReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 13-13 BITSReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 13-14 BITSReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 13-15 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 13-16 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 13-17 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 13-18 BundleDown

Alarm	Attributes	Supported releases
Name: BundleDown (152) Type: equipmentAlarm (3) Package: bundle Raised on class: bundle.Interface	Severity: critical Implicitly cleared: true Default probable cause: bundleDown (128)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the bundle Administrative State is Up and the Operational State is Down.		
Raising condition: (('Protection Type' EQUAL 'None') AND ('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up') AND ('specificCardType' NOT EQUAL '16 x E1 (ASAP)'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 13-19 CesBfrOverrun

Alarm	Attributes	Supported releases
Name: CesBfrOverrun (448) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer overrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		

Table 13-20 CesBfrUnderrun

Alarm	Attributes	Supported releases
Name: CesBfrUnderrun (449) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer underrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		

Table 13-21 CesMalformedPkts

Alarm	Attributes	Supported releases
Name: CesMalformedPkts (446) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: malformedPackets (320)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM detects one or more malformed packets.		
Raising condition: (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		

Table 13-22 CesPktLoss

Alarm	Attributes	Supported releases
Name: CesPktLoss (447) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfPacket (321)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM detects a packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		

Table 13-23 CesRmtPktLoss

Alarm	Attributes	Supported releases
Name: CesRmtPktLoss (450) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: farEndLossOfPacket (323)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM detects a remote packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		

Table 13-24 CesRmtRdi

Alarm	Attributes	Supported releases
Name: CesRmtRdi (452) Type: configurationAlarm (11) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: farEndRdi (325)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM detects a remote RDI.		
Raising condition: (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		

Table 13-25 CesRmtTdmFault

Alarm	Attributes	Supported releases
Name: CesRmtTdmFault (451) Type: configurationAlarm (11) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: tdmFarEndFault (324)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM detects a remote TDM fault.		
Raising condition: (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		

Table 13-26 CesStrayPkts

Alarm	Attributes	Supported releases
Name: CesStrayPkts (445) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: strayPackets (319)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM detects received stray packets.		
Raising condition: (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		

Table 13-27 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 13-28 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 13-29 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 13-30 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 13-31 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 13-32 DDMAux1HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1HighAlarm (495) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1HighAlarm (381)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Alarm'))		

Table 13-33 DDMAux1HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux1HighWarning (494) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1HighWarning (380)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Warning'))		

Table 13-34 DDMAux1LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1LowAlarm (493) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1LowAlarm (379)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Alarm'))		

Table 13-35 DDMAux1LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux1LowWarning (492) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1LowWarning (378)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Warning'))		

Table 13-36 DDMAux2HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2HighAlarm (499) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2HighAlarm (385)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Alarm'))		

Table 13-37 DDMAux2HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux2HighWarning (498) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2HighWarning (384)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Warning'))		

Table 13-38 DDMAux2LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2LowAlarm (497) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2LowAlarm (383)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Alarm'))		

Table 13-39 DDMAux2LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux2LowWarning (496) Type: communicatiothresholdAlarmnsAlarm (50) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2LowWarning (382)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Warning'))		

Table 13-40 DDMRxOpticalPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighAlarm (491) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerHighAlarm (377)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Alarm'))		

Table 13-41 DDMRxOpticalPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighWarning (490) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerHighWarning (376)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Warning'))		

Table 13-42 DDMRxOpticalPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowAlarm (489) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerLowAlarm (375)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Alarm'))		

Table 13-43 DDMRxOpticalPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowWarning (488) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerLowWarning (374)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Warning'))		

Table 13-44 DDMSupplyVoltageHighAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighAlarm (479) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageHighAlarm (365)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Alarm'))		

Table 13-45 DDMSupplyVoltageHighWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighWarning (478) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageHighWarning (364)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Warning'))		

Table 13-46 DDMSupplyVoltageLowAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowAlarm (477) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageLowAlarm (363)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Alarm'))		

Table 13-47 DDMSupplyVoltageLowWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowWarning (476) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageLowWarning (362)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Warning'))		

Table 13-48 DDMTemperatureHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighAlarm (475) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureHighAlarm (361)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Alarm'))		

Table 13-49 DDMTemperatureHighWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighWarning (474) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureHighWarning (360)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Warning'))		

Table 13-50 DDMTemperatureLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowAlarm (473) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureLowAlarm (359)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Alarm'))		

Table 13-51 DDMTemperatureLowWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowWarning (472) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureLowWarning (358)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Warning'))		

Table 13-52 DDMTxBiasCurrentHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighAlarm (483) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentHighAlarm (369)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Alarm'))		

Table 13-53 DDMTxBiasCurrentHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighWarning (482) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentHighWarning (368)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Warning'))		

Table 13-54 DDMTxBiasCurrentLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowAlarm (481) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentLowAlarm (367)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Alarm'))		

Table 13-55 DDMTxBiasCurrentLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowWarning (480) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentLowWarning (366)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Warning'))		

Table 13-56 DDMTxOutputPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighAlarm (487) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerHighAlarm (373)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Alarm'))		

Table 13-57 DDMTxOutputPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighWarning (486) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerHighWarning (372)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Warning'))		

Table 13-58 DDMTxOutputPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowAlarm (485) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerLowAlarm (371)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power Low Alarm'))		

Table 13-59 DDMTxOutputPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowWarning (484) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerLowWarning (370)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power Low Warning'))		

Table 13-60 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 13-61 DS1E1AlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: DS1E1AlarmIndicationSignal (112) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		

Table 13-62 DS1E1Looped

Alarm	Attributes	Supported releases
Name: DS1E1Looped (126) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		

Table 13-63 DS1E1LossOfSignal

Alarm	Attributes	Supported releases
Name: DS1E1LossOfSignal (124) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

Table 13-64 DS1E1OutOfFrame

Alarm	Attributes	Supported releases
Name: DS1E1OutOfFrame (125) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		

Table 13-65 DS1E1ResourceAvailabilityIndicator

Alarm	Attributes	Supported releases
Name: DS1E1ResourceAvailabilityIndicator (114) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))))		

Table 13-66 DS1E1SignalDegradation

Alarm	Attributes	Supported releases
Name: DS1E1SignalDegradation (500) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalDegradation (386)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SD alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))))		

Table 13-67 DS1E1SignalFailure

Alarm	Attributes	Supported releases
Name: DS1E1SignalFailure (501) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalFailure (387)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))))		

Table 13-68 DS3E3AlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: DS3E3AlarmIndicationSignal (115) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		

Table 13-69 DS3E3Looped

Alarm	Attributes	Supported releases
Name: DS3E3Looped (120) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		

Table 13-70 DS3E3LossOfSignal

Alarm	Attributes	Supported releases
Name: DS3E3LossOfSignal (116) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

Table 13-71 DS3E3OutOfFrame

Alarm	Attributes	Supported releases
Name: DS3E3OutOfFrame (117) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		

Table 13-72 DS3E3ResourceAvailability

Alarm	Attributes	Supported releases
Name: DS3E3ResourceAvailability (119) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		

Table 13-73 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 13-74 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 13-75 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 13-76 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 13-77 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 13-78 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 13-79 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 13-80 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 13-81 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 13-82 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 13-83 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 13-84 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 13-85 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 13-86 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 13-87 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 13-88 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 13-89 ExternalTimingReferenceNotQualified

Alarm	Attributes	Supported releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified' NOT EQUAL 'Not Qualified'))		

Table 13-90 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 13-91 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 13-92 ForwardingTableSizeLimitReached

Alarm	Attributes	Supported releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: l2fwd Raised on class: l2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by l2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by l2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		

Table 13-93 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 13-94 FrameSizeProblem (svt)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		

Table 13-95 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 13-96 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 13-97 IncorrectNeighborConfig

Alarm	Attributes	Supported releases
Name: IncorrectNeighborConfig (609) Type: configurationAlarm (11) Package: aps Raised on class: aps.ApsGroup	Severity: major Implicitly cleared: true Default probable cause: incorrectNeighborConfig (452)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0
Description: The alarm is raised when the peer does not exist or the neighbor address does not point to a network interface on the NE that contains the peer object.		
Raising condition: (('Type' EQUAL 'MultiChassis') AND ('Neighbor match' EQUAL 'false'))		
Clearing condition: (('Type' EQUAL 'SingleChassis') OR ('Neighbor match' EQUAL 'true'))		

Table 13-98 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 13-99 InterfaceNeighborDown

Alarm	Attributes	Supported releases
Name: InterfaceNeighborDown (661) Type: NeighborDown (20) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an interface neighbor is operationally down.		
Raising condition: (('Neighbor Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'true'))		
Clearing condition: (('Neighbor Count' NOT EQUAL '0L') OR ('Passive' EQUAL 'true'))		

Table 13-100 IsisAdjacencyDown

Alarm	Attributes	Supported releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		

Table 13-101 IsisDown

Alarm	Attributes	Supported releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 13-102 IsisInterfaceDown

Alarm	Attributes	Supported releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 13-103 KeepAliveProblem

Alarm	Attributes	Supported releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		

Table 13-104 LabelProblem

Alarm	Attributes	Supported releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		

Table 13-105 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 13-106 LdpDown

Alarm	Attributes	Supported releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 13-107 LdpSessionNonexistent

Alarm	Attributes	Supported releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an LDP session is nonexistent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		

Table 13-108 LdpTargetedPeerDown

Alarm	Attributes	Supported releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 13-109 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 13-110 LineAlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: LineAlarmIndicationSignal (84) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineAlarmIndicationSignal (70)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports an LAIS error. The alarm corresponds to the lais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))))		

Table 13-111 LineErrorCondition

Alarm	Attributes	Supported releases
Name: LineErrorCondition (94) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineErrorCondition (80)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a line error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))))		

Table 13-112 LineRemoteDefectIndication

Alarm	Attributes	Supported releases
Name: LineRemoteDefectIndication (85) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineRemoteDefectIndication (71)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a line remote defect indication error caused by an LOF, LOC, or LOS condition. The alarm corresponds to the lrdi alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))))		

Table 13-113 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 13-114 LossOfClock (sonetequipment)

Alarm	Attributes	Supported releases
Name: LossOfClock (83) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfClock (69)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports an LOC condition, which causes the NE to set the port Operational State to Down.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		

Table 13-115 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 13-116 LspDown

Alarm	Attributes	Supported releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 13-117 LspPathBypassTunnelActive

Alarm	Attributes	Supported releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		

Table 13-118 LspPathDown

Alarm	Attributes	Supported releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: lspPathDown (20)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		

Table 13-119 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 13-120 macMoveRateExceeded (svt)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		

Table 13-121 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 13-122 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		

Table 13-123 MplsDown

Alarm	Attributes	Supported releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 13-124 MplsPathUpdateFailed

Alarm	Attributes	Supported releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: ('Last Performed State' EQUAL 'Success')		

Table 13-125 NeighborDown

Alarm	Attributes	Supported releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		

Table 13-126 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band'))		

Table 13-127 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 13-128 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 13-129 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 13-130 OspfInterfaceDown

Alarm	Attributes	Supported releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		

Table 13-131 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 13-132 PeerConnectionDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 13-133 PeerDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 13-134 PeerGroupDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 13-135 PeerLacIngressEgressFault

Alarm	Attributes	Supported releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (((('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		

Table 13-136 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 13-137 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 13-138 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 13-139 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 13-140 PppLoopbackDetected

Alarm	Attributes	Supported releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		

Table 13-141 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 13-142 PrimaryPathLimitReached

Alarm	Attributes	Supported releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit'))"		
Clearing condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit'))"		

Table 13-143 PTPNotQualified

Alarm	Attributes	Supported releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 13-144 PTPPeerLossOfAnnounce

Alarm	Attributes	Supported releases
Name: PTPPeerLossOfAnnounce (3608) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfAnnounce (1397)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0
Description: The alarm is raised when the peer is in the 'Packet Timing Signal Fail (Loss Announce)' state, indicating that it is not receiving PTP announce messages from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Announce'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Announce'))		

Table 13-145 PTPPeerLossOfSync

Alarm	Attributes	Supported releases
Name: PTPPeerLossOfSync (3609) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfSync (1398)	<ul style="list-style-type: none"> • 4.0.0 • 5.0.0
Description: The alarm is raised when the peer is in the 'Packet Timing Signal Fail (Loss Sync)' state, indicating that it is not receiving PTP timing messages from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Sync'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Sync'))		

Table 13-146 PTPReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 13-147 PTPReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 13-148 PTPReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 13-149 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 13-150 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 13-151 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 13-152 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> 3.0.0 4.0.0 5.0.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 13-153 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> 3.0.0 4.0.0 5.0.0
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 13-154 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 3.0.0 4.0.0 5.0.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 13-155 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 13-156 RouteDistinguisherNotConfigured

Alarm	Attributes	Supported releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: l3fwd Raised on class: l3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL "\00 00 00 00 00 00 00 00")		
Clearing condition: ('routeDistinguisher' NOT EQUAL "\00 00 00 00 00 00 00 00")		

Table 13-157 RsvpDown

Alarm	Attributes	Supported releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 13-158 RxSectionSynchronizationError

Alarm	Attributes	Supported releases
Name: RxSectionSynchronizationError (93) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: rxSectionSynchronizationError (79)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		

Table 13-159 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 13-160 SdpBindingDown

Alarm	Attributes	Supported releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		

Table 13-161 SdpBindingTunnelDown

Alarm	Attributes	Supported releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		

Table 13-162 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Supported releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the sdp egress interfaces consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		

Table 13-163 SecondaryPathLimitReached

Alarm	Attributes	Supported releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit')))		
Clearing condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit')))		

Table 13-164 SectionB1Error

Alarm	Attributes	Supported releases
Name: SectionB1Error (87) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionB1Error (73)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a section error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		

Table 13-165 SectionLossOfFrame

Alarm	Attributes	Supported releases
Name: SectionLossOfFrame (90) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfFrame (76)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a SLOF error. The alarm corresponds to the slof alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		

Table 13-166 SectionLossOfSignal

Alarm	Attributes	Supported releases
Name: SectionLossOfSignal (91) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfSignal (77)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a SLOS error. The alarm corresponds to the slos alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		

Table 13-167 SectionS1Failure

Alarm	Attributes	Supported releases
Name: SectionS1Failure (86) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionS1Failure (72)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		

Table 13-168 SerialChannelOutOfFrame

Alarm	Attributes	Supported releases
Name: SerialChannelOutOfFrame (808) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.SerialChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an NE reports that a serial channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'HCM Out Of Frame') AND ('Report Alarms'anyBit'HCM Out Of Frame'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'HCM Out Of Frame') AND ('Report Alarms'anyBit'HCM Out Of Frame'))		

Table 13-169 SerialChannelRemoteAlarmIndication

Alarm	Attributes	Supported releases
Name: SerialChannelRemoteAlarmIndication (809) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.SerialChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: remoteAlarmIndication (574)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an NE reports that a serial channel has an RAI condition.		
Raising condition: (('Outstanding Alarms'anyBit'HCM Remote Alarm Indication') AND ('Report Alarms'anyBit'HCM Remote Alarm Indication'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'HCM Remote Alarm Indication') AND ('Report Alarms'anyBit'HCM Remote Alarm Indication'))		

Table 13-170 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 13-171 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 13-172 SonetPathAlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: SonetPathAlarmIndicationSignal (129) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathAlarmIndicationSignal (63)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))		

Table 13-173 SonetPathB3Error

Alarm	Attributes	Supported releases
Name: SonetPathB3Error (132) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathB3Error (66)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a path error condition because of b3 errors. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		

Table 13-174 SonetPathLossOfCodegroupDelineationError

Alarm	Attributes	Supported releases
Name: SonetPathLossOfCodegroupDelineationError (248) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfCodegroupDelineationError (185)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a PLCD error. The alarm corresponds to the plcd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		

Table 13-175 SonetPathLossOfPointer

Alarm	Attributes	Supported releases
Name: SonetPathLossOfPointer (130) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfPointer (64)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a PLOP error. The alarm corresponds to the plop alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		

Table 13-176 SonetPathPayloadMismatch

Alarm	Attributes	Supported releases
Name: SonetPathPayloadMismatch (133) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathPayloadMismatch (67)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a PPLM error on a channel, after which the channel is set operationally down. The alarm corresponds to the pplm alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		

Table 13-177 SonetPathRemoteB3Error

Alarm	Attributes	Supported releases
Name: SonetPathRemoteB3Error (134) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteB3Error (68)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a path error condition that a remote NE raises because of b3 errors received from the local NE. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		

Table 13-178 SonetPathRemoteDefectIndication

Alarm	Attributes	Supported releases
Name: SonetPathRemoteDefectIndication (131) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteDefectIndication (65)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a remote PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		

Table 13-179 SonetPathUnequippedPathError

Alarm	Attributes	Supported releases
Name: SonetPathUnequippedPathError (143) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathUnequippedPathError (114)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports a path unequipped error. The alarm corresponds to the puneq alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		

Table 13-180 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 13-181 StpExceptionCondition

Alarm	Attributes	Supported releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 5.0.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		

Table 13-182 StpRootGuardViolation

Alarm	Attributes	Supported releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> 5.0.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		

Table 13-183 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0 5.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 13-184 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0 5.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 13-185 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0 5.0.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 13-186 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0 5.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'In Band Preferred') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 13-187 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 13-188 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 13-189 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 13-190 TunnelDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 13-191 TunnelDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 13-192 TxSectionSynchronizationError

Alarm	Attributes	Supported releases
Name: TxSectionSynchronizationError (92) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: txSectionSynchronizationError (78)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a SONET port reports an SS1F error. The alarm corresponds to the ss1f alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		

Table 13-193 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 13-194 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 13-195 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 13-196 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 13-197 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 1.0.0 • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 13-198 VirtualLinkDown

Alarm	Attributes	Supported releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0 • 4.0.0 • 5.0.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 13-199 VirtualNeighborDown

Alarm	Attributes	Supported releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> ospf.ShamLink ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> 2.0.0 3.0.0 4.0.0 5.0.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		

Table 13-200 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0 5.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		

Table 13-201 XplError

Alarm	Attributes	Supported releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> 1.0.0 2.0.0 3.0.0 4.0.0 5.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		

14 — Alcatel-Lucent 7710 SR alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 14-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 6.0.0• 7.0.0• 8.0.0• 9.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 14-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 14-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 14-4 AncillaryPathLimitReached

Alarm	Attributes	Supported releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' >= " (1000 * 'Ancillary Path Limit')"))		
Clearing condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit')))		

Table 14-5 AreaTypeMismatch

Alarm	Attributes	Supported releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		

Table 14-6 AsymmetricalConfig (lag)

Alarm	Attributes	Supported releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: lag Raised on classes: <ul style="list-style-type: none"> lag.MultiChassisLag lag.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when the members of an MC LAG do not have matching configurations.		
Raising condition: ('configMismatches' NOT EQUAL 'OL')		
Clearing condition: ('configMismatches' EQUAL 'OL')		

Table 14-7 AsymmetricalConfig (multichassis)

Alarm	Attributes	Supported releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisPeer multichassis.MultiChassisLagMember multichassis.MultiChassisLag 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		
Raising condition: ('Asymmetrical Configuration Detected' EQUAL 'true')		
Clearing condition: ('Asymmetrical Configuration Detected' EQUAL 'false')		

Table 14-8 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 14-9 BerLineSignalDegradation

Alarm	Attributes	Supported releases
Name: BerLineSignalDegradation (88) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalDegradation (74)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))))		

Table 14-10 BerLineSignalFailure

Alarm	Attributes	Supported releases
Name: BerLineSignalFailure (89) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalFailure (75)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sf alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))))		

Table 14-11 BfdInterfaceConnectionBroken

Alarm	Attributes	Supported releases
Name: BfdInterfaceConnectionBroken (3329) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		

Table 14-12 BfdInterfaceConnectionDown

Alarm	Attributes	Supported releases
Name: BfdInterfaceConnectionDown (3330) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		

Table 14-13 BfdInterfaceConnectionPeerDetectsDown

Alarm	Attributes	Supported releases
Name: BfdInterfaceConnectionPeerDetectsDown (3331) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 14-14 BgpDown

Alarm	Attributes	Supported releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-15 BITS2NotQualified

Alarm	Attributes	Supported releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 14-16 BITSNotQualified

Alarm	Attributes	Supported releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 14-17 BITSReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 14-18 BITSReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 14-19 BITSReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 14-20 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 14-21 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 14-22 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 14-23 BundleDown

Alarm	Attributes	Supported releases
Name: BundleDown (152) Type: equipmentAlarm (3) Package: bundle Raised on class: bundle.Interface	Severity: critical Implicitly cleared: true Default probable cause: bundleDown (128)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the bundle Administrative State is Up and the Operational State is Down.		
Raising condition: (('Protection Type' EQUAL 'None') AND ('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up') AND ('specificCardType' NOT EQUAL '16 x E1 (ASAP)'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-24 CesBfrOverrun

Alarm	Attributes	Supported releases
Name: CesBfrOverrun (448) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer overrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		

Table 14-25 CesBfrUnderrun

Alarm	Attributes	Supported releases
Name: CesBfrUnderrun (449) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer underrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		

Table 14-26 CesMalformedPkts

Alarm	Attributes	Supported releases
Name: CesMalformedPkts (446) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: malformedPackets (320)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects one or more malformed packets.		
Raising condition: (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		

Table 14-27 CesPktLoss

Alarm	Attributes	Supported releases
Name: CesPktLoss (447) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfPacket (321)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		

Table 14-28 CesRmtPktLoss

Alarm	Attributes	Supported releases
Name: CesRmtPktLoss (450) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: farEndLossOfPacket (323)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a remote packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		

Table 14-29 CesRmtRdi

Alarm	Attributes	Supported releases
Name: CesRmtRdi (452) Type: configurationAlarm (11) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: farEndRdi (325)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a remote RDI.		
Raising condition: (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		

Table 14-30 CesRmtTdmFault

Alarm	Attributes	Supported releases
Name: CesRmtTdmFault (451) Type: configurationAlarm (11) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: tdmFarEndFault (324)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a remote TDM fault.		
Raising condition: (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		

Table 14-31 CesStrayPkts

Alarm	Attributes	Supported releases
Name: CesStrayPkts (445) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: strayPackets (319)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects received stray packets.		
Raising condition: (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		

Table 14-32 CircuitStpExceptionCondition

Alarm	Attributes	Supported releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: l2fwd Raised on class: l2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		

Table 14-33 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 14-34 ConfigurationRollBackStatus

Alarm	Attributes	Supported releases
Name: ConfigurationRollBackStatus (3684) Type: configurationRollBackAlarm (103) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackOperationPerformed (1422)	<ul style="list-style-type: none"> • 9.0.0
Description: The alarm is raised when a configuration rollback operation is performed.		

Table 14-35 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 14-36 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 14-37 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 14-38 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 14-39 DDMAux1HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1HighAlarm (495) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1HighAlarm (381)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Alarm'))		

Table 14-40 DDMAux1HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux1HighWarning (494) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1HighWarning (380)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Warning'))		

Table 14-41 DDMAux1LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1LowAlarm (493) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1LowAlarm (379)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Alarm'))		

Table 14-42 DDMAux1LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux1LowWarning (492) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1LowWarning (378)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Warning'))		

Table 14-43 DDMAux2HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2HighAlarm (499) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2HighAlarm (385)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Alarm'))		

Table 14-44 DDMAux2HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux2HighWarning (498) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2HighWarning (384)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Warning'))		

Table 14-45 DDMAux2LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2LowAlarm (497) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2LowAlarm (383)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Alarm'))		

Table 14-46 DDMAux2LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux2LowWarning (496) Type: communicatiothresholdAlarmnsAlarm (50) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2LowWarning (382)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Warning'))		

Table 14-47 DDMRxOpticalPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighAlarm (491) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerHighAlarm (377)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Alarm'))		

Table 14-48 DDMRxOpticalPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighWarning (490) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerHighWarning (376)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Warning'))		

Table 14-49 DDMRxOpticalPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowAlarm (489) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerLowAlarm (375)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Alarm'))		

Table 14-50 DDMRxOpticalPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowWarning (488) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerLowWarning (374)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Warning'))		

Table 14-51 DDMSupplyVoltageHighAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighAlarm (479) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageHighAlarm (365)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Alarm'))		

Table 14-52 DDMSupplyVoltageHighWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighWarning (478) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageHighWarning (364)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Warning'))		

Table 14-53 DDMSupplyVoltageLowAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowAlarm (477) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageLowAlarm (363)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Alarm'))		

Table 14-54 DDMSupplyVoltageLowWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowWarning (476) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageLowWarning (362)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Warning'))		

Table 14-55 DDMTemperatureHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighAlarm (475) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureHighAlarm (361)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Alarm'))		

Table 14-56 DDMTemperatureHighWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighWarning (474) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureHighWarning (360)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Warning'))		

Table 14-57 DDMTemperatureLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowAlarm (473) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureLowAlarm (359)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Alarm'))		

Table 14-58 DDMTemperatureLowWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowWarning (472) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureLowWarning (358)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Warning'))		

Table 14-59 DDMTxBiasCurrentHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighAlarm (483) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentHighAlarm (369)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Alarm'))		

Table 14-60 DDMTxBiasCurrentHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighWarning (482) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentHighWarning (368)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Warning'))		

Table 14-61 DDMTxBiasCurrentLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowAlarm (481) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentLowAlarm (367)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Alarm'))		

Table 14-62 DDMTxBiasCurrentLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowWarning (480) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentLowWarning (366)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Warning'))		

Table 14-63 DDMTxOutputPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighAlarm (487) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerHighAlarm (373)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Alarm'))		

Table 14-64 DDMTxOutputPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighWarning (486) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerHighWarning (372)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Warning'))		

Table 14-65 DDMTxOutputPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowAlarm (485) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerLowAlarm (371)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power Low Alarm'))		

Table 14-66 DDMTxOutputPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowWarning (484) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerLowWarning (370)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power Low Warning'))		

Table 14-67 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 14-68 DS1E1AlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: DS1E1AlarmIndicationSignal (112) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		

Table 14-69 DS1E1Looped

Alarm	Attributes	Supported releases
Name: DS1E1Looped (126) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		

Table 14-70 DS1E1LossOfSignal

Alarm	Attributes	Supported releases
Name: DS1E1LossOfSignal (124) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

Table 14-71 DS1E1OutOfFrame

Alarm	Attributes	Supported releases
Name: DS1E1OutOfFrame (125) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		

Table 14-72 DS1E1ResourceAvailabilityIndicator

Alarm	Attributes	Supported releases
Name: DS1E1ResourceAvailabilityIndicator (114) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		

Table 14-73 DS1E1SignalDegradation

Alarm	Attributes	Supported releases
Name: DS1E1SignalDegradation (500) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalDegradation (386)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SD alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		

Table 14-74 DS1E1SignalFailure

Alarm	Attributes	Supported releases
Name: DS1E1SignalFailure (501) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalFailure (387)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 14-75 DS3E3AlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: DS3E3AlarmIndicationSignal (115) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		

Table 14-76 DS3E3Looped

Alarm	Attributes	Supported releases
Name: DS3E3Looped (120) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		

Table 14-77 DS3E3LossOfSignal

Alarm	Attributes	Supported releases
Name: DS3E3LossOfSignal (116) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

Table 14-78 DS3E3OutOfFrame

Alarm	Attributes	Supported releases
Name: DS3E3OutOfFrame (117) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		

Table 14-79 DS3E3ResourceAvailability

Alarm	Attributes	Supported releases
Name: DS3E3ResourceAvailability (119) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		

Table 14-80 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 14-81 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 14-82 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 14-83 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 14-84 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 14-85 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 14-86 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 14-87 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 14-88 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 14-89 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 14-90 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 14-91 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 14-92 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 14-93 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 14-94 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 14-95 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 14-96 ExternalTimingReferenceNotQualified

Alarm	Attributes	Supported releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified' NOT EQUAL 'Not Qualified'))		

Table 14-97 FailoverUnavailable

Alarm	Attributes	Supported releases
Name: FailoverUnavailable (1155) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: minor Implicitly cleared: true Default probable cause: failoverUnavailable (858)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Local DHCP Server Failover has a state other than Normal.		
Raising condition: (('Operational State' NOT EQUAL 'Normal'))		
Clearing condition: (('Operational State' EQUAL 'Normal'))		

Table 14-98 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 14-99 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 14-100 ForwardingTableSizeLimitReached

Alarm	Attributes	Supported releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: l2fwd Raised on class: l2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by l2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by l2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		

Table 14-101 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 14-102 FrameSizeProblem (svt)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		

Table 14-103 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteegsn Raised on class: lteegsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 14-104 GroupDown

Alarm	Attributes	Supported releases
Name: GroupDown (69) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Group	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a RIP group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 14-105 GroupInterfaceDown

Alarm	Attributes	Supported releases
Name: GroupInterfaceDown (441) Type: GroupInterfaceAlarm (44) Package: service Raised on class: service.GroupInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that a group interface is operationally down. The alarm clears when the group interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 14-106 IGHMisconfigured

Alarm	Attributes	Supported releases
Name: IGHMisconfigured (827) Type: ighAlarm (74) Package: igh Raised on class: igh.InterfaceGroupHandler	Severity: major Implicitly cleared: true Default probable cause: IGHProtocolMismatch (590)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when the IGH is administratively up but none of the IGH protocols is operationally up.		
Raising condition: (('igh_misconfigured' EQUAL '\yes\') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('igh_misconfigured' NOT EQUAL '\yes\') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-107 IgmpDown

Alarm	Attributes	Supported releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-108 IncompleteConfig (multichassis)

Alarm	Attributes	Supported releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> • multichassis.MultiChassisSync • multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mcLagPointer' EQUAL '\')		
Clearing condition: ('mcLagPointer' NOT EQUAL '\')		

Table 14-109 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 14-110 IncorrectEndPointPeerConfig

Alarm	Attributes	Supported releases
Name: IncorrectEndPointPeerConfig (1068) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: major Implicitly cleared: true Default probable cause: incompleteEPPeerConfig (810)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('MC EndPoint Group Pointer' EQUAL '\')		
Clearing condition: ('MC EndPoint Group Pointer' NOT EQUAL '\')		

Table 14-111 IncorrectNeighborConfig

Alarm	Attributes	Supported releases
Name: IncorrectNeighborConfig (609) Type: configurationAlarm (11) Package: aps Raised on class: aps.ApsGroup	Severity: major Implicitly cleared: true Default probable cause: incorrectNeighborConfig (452)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the peer does not exist or the neighbor address does not point to a network interface on the NE that contains the peer object.		
Raising condition: (('Type' EQUAL 'MultiChassis') AND ('Neighbor match' EQUAL 'false'))		
Clearing condition: (('Type' EQUAL 'SingleChassis') OR ('Neighbor match' EQUAL 'true'))		

Table 14-112 IncorrectPeerConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.Peer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		

Table 14-113 IncorrectPeerSynchronizationPortConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerSynchronizationPortConfig (780) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPort	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortConfig (555)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the peer port does not exist, or when the peer port exists but the synchronization tags of the peers do not match.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		

Table 14-114 IncorrectPeerSynchronizationPortEncapRangeConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerSynchronizationPortEncapRangeConfig (781) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPortEncapRange	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortEncapRangeConfig (556)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the VLAN ranges on the Multi-Chassis synchronization peers do not match.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		

Table 14-115 InstanceDown (srrp)

Alarm	Attributes	Supported releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that an SRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' EQUAL 'Initialize'))		
Clearing condition: (('Operational State' NOT EQUAL 'Initialize') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-116 InstanceDown (vrrp)

Alarm	Attributes	Supported releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that a VRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-117 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 14-118 InterfaceDown (service)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: service Raised on class: service.RedundantInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that a redundant interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 14-119 InterfaceDown (vpls)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 14-120 InterfaceDown (vprn)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vprn Raised on class: vprn.IPMirrorInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that an interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 14-121 InterfaceNeighborDown

Alarm	Attributes	Supported releases
Name: InterfaceNeighborDown (661) Type: NeighborDown (20) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an interface neighbor is operationally down.		
Raising condition: (('Neighbor Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'true'))		
Clearing condition: (('Neighbor Count' NOT EQUAL '0L') OR ('Passive' EQUAL 'true'))		

Table 14-122 IsisAdjacencyDown

Alarm	Attributes	Supported releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		

Table 14-123 IsisDown

Alarm	Attributes	Supported releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-124 IsisInterfaceDown

Alarm	Attributes	Supported releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 14-125 KeepAliveProblem

Alarm	Attributes	Supported releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		

Table 14-126 LabelProblem

Alarm	Attributes	Supported releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		

Table 14-127 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-128 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 14-129 LdpDown

Alarm	Attributes	Supported releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-130 LdpSessionNonexistent

Alarm	Attributes	Supported releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an LDP session is nonexistent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		

Table 14-131 LdpTargetedPeerDown

Alarm	Attributes	Supported releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 14-132 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 14-133 LineAlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: LineAlarmIndicationSignal (84) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineAlarmIndicationSignal (70)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports an LAIS error. The alarm corresponds to the lais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))))		

Table 14-134 LineErrorCondition

Alarm	Attributes	Supported releases
Name: LineErrorCondition (94) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineErrorCondition (80)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a line error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))))		

Table 14-135 LineRemoteDefectIndication

Alarm	Attributes	Supported releases
Name: LineRemoteDefectIndication (85) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineRemoteDefectIndication (71)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a line remote defect indication error caused by an LOF, LOC, or LOS condition. The alarm corresponds to the lrdi alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		

Table 14-136 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 14-137 LocalRncvOperDown

Alarm	Attributes	Supported releases
Name: LocalRncvOperDown (521) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: localRncvDisconnected (396)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the local RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Local Operational State' NOT EQUAL 'Connected') AND ('Local Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Local Operational State' EQUAL 'Connected') OR ('Local Operational State' EQUAL 'Not Tested'))		

Table 14-138 LossOfClock (sonetequipment)

Alarm	Attributes	Supported releases
Name: LossOfClock (83) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfClock (69)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports an LOC condition, which causes the NE to set the port Operational State to Down.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		

Table 14-139 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 14-140 LspDown

Alarm	Attributes	Supported releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 14-141 LspPathBypassTunnelActive

Alarm	Attributes	Supported releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		

Table 14-142 LspPathDown

Alarm	Attributes	Supported releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: lspPathDown (20)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		

Table 14-143 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 14-144 macMoveRateExceeded (svt)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		

Table 14-145 MCLagDown (lag)

Alarm	Attributes	Supported releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 14-146 MCLagDown (multichassis)

Alarm	Attributes	Supported releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mCLagDown (295)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-147 MCPeerEPDown

Alarm	Attributes	Supported releases
Name: MCPeerEPDown (1069) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: critical Implicitly cleared: true Default probable cause: MCPeerEPDown (811)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MC endpoint is operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-148 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 14-149 MissingLocalEntry

Alarm	Attributes	Supported releases
Name: MissingLocalEntry (291) Type: configurationAlarm (11) Package: l2fwd Raised on class: l2fwd.ServiceMacProtection	Severity: minor Implicitly cleared: true Default probable cause: Protected_Mac_Address_Not_Global (222)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a protected MAC address is not configured on all sites of a VPLS. This can occur if the protected MAC address is added or removed using a CLI.		
Raising condition: ('isEntryGlobal' EQUAL 'false')		
Clearing condition: ('isEntryGlobal' EQUAL 'true')		

Table 14-150 MldDown

Alarm	Attributes	Supported releases
Name: MldDown (587) Type: ProtocolAlarm (1) Package: mld Raised on class: mld.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MLD site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-151 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 14-152 MplsDown

Alarm	Attributes	Supported releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-153 MplsPathUpdateFailed

Alarm	Attributes	Supported releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: ('Last Performed State' EQUAL 'Success')		

Table 14-154 MrpAttrTblSizeLimitReached

Alarm	Attributes	Supported releases
Name: MrpAttrTblSizeLimitReached (574) Type: resourceAlarm (28) Package: l2fwd Raised on class: l2fwd.SiteMrp	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the number of MRP attribute table entries for a service site exceeds the high watermark specified by l2fwd.SiteMrp.mrpAttrTblHighWatermark. The alarm clears when the number of MRP attribute table entries for the site drops below the low watermark specified by l2fwd.SiteMrp.mrpAttrTblLowWatermark.		
Raising condition: (('MRP Attribute Count' >= 'MRP Max Attributes') OR ('MRP Attribute Count' >= (('MRP Attribute-Table-High-Watermark' * 'MRP Max Attributes') / 100.0)))		
Clearing condition: (('MRP Attribute Count' < 'MRP Max Attributes') AND (('MRP Attribute-Table-High-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))) AND (('MRP Attribute-Table-Low-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))))		

Table 14-155 MsdpDown

Alarm	Attributes	Supported releases
Name: MsdpDown (353) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MSDP site is administratively down. The alarm clears when the site is administratively up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		

Table 14-156 MultiChassisRingDown

Alarm	Attributes	Supported releases
Name: MultiChassisRingDown (520) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: ringDown (395)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a MC ring group Operational State is not in the Connected state. The alarm is cleared when the ring group enters the Connected state.		
Raising condition: ('Operational State' NOT EQUAL 'Connected')		
Clearing condition: ('Operational State' EQUAL 'Connected')		

Table 14-157 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Supported releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		

Table 14-158 MvrConfiguredProxySapNotExist

Alarm	Attributes	Supported releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		
Raising condition: ('proxySapExists' EQUAL 'false')		
Clearing condition: ('proxySapExists' EQUAL 'true')		

Table 14-159 NeighborDown

Alarm	Attributes	Supported releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		

Table 14-160 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		

Table 14-161 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 14-162 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 14-163 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 14-164 NoPeerMcRingFound

Alarm	Attributes	Supported releases
Name: NoPeerMcRingFound (782) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: IncompleteConfig (557)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM cannot find the peer MC ring.		
Raising condition: ('Peer Multi-Chassis Ring' EQUAL '\')		
Clearing condition: ('Peer Multi-Chassis Ring' NOT EQUAL '\')		

Table 14-165 OspfInterfaceDown

Alarm	Attributes	Supported releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		

Table 14-166 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 14-167 PeerConnectionDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-168 PeerConnectionDown (msdp)

Alarm	Attributes	Supported releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the connectionState of this peer changes from Established to a state other than Established. The alarm clears when the connectionState of this peer returns to the Established state.		
Raising condition: (('connectionState' NOT EQUAL 'Established') AND ('administrativeState' EQUAL 'Up'))		
Clearing condition: (('connectionState' EQUAL 'Established') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 14-169 PeerDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-170 PeerDown (msdp)

Alarm	Attributes	Supported releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Administrative State of a peer changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('administrativeState' EQUAL 'Down'))		
Clearing condition: (('administrativeState' NOT EQUAL 'Down'))		

Table 14-171 PeerGroupDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-172 PeerGroupDown (msdp)

Alarm	Attributes	Supported releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Administrative State of a peer group changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		

Table 14-173 PeerLacIngressEgressFault

Alarm	Attributes	Supported releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		

Table 14-174 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 14-175 PimDown

Alarm	Attributes	Supported releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: This alarm is raised when a PIM site is administratively Up but operationally Down. The alarm clears when the site becomes operationally Up or administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-176 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 14-177 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 14-178 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 14-179 PppLoopbackDetected

Alarm	Attributes	Supported releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		

Table 14-180 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 14-181 PrimaryPathLimitReached

Alarm	Attributes	Supported releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit'))"		
Clearing condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit'))		

Table 14-182 PTPNotQualified

Alarm	Attributes	Supported releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 14-183 PTPReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 14-184 PTPReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 14-185 PTPReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 14-186 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 14-187 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 14-188 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 14-189 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 14-190 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 14-191 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 14-192 RemoteRncvOperDown

Alarm	Attributes	Supported releases
Name: RemoteRncvOperDown (522) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: remoteRncvDisconnected (397)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the remote RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Remote Operational State' NOT EQUAL 'Connected') AND ('Remote Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Remote Operational State' EQUAL 'Connected') OR ('Remote Operational State' EQUAL 'Not Tested'))		

Table 14-193 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-194 RouteDistinguisherNotConfigured

Alarm	Attributes	Supported releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: l3fwd Raised on class: l3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL "\"00 00 00 00 00 00 00 00\"")		
Clearing condition: ('routeDistinguisher' NOT EQUAL "\"00 00 00 00 00 00 00 00\"")		

Table 14-195 RsvpDown

Alarm	Attributes	Supported releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 14-196 RxSectionSynchronizationError

Alarm	Attributes	Supported releases
Name: RxSectionSynchronizationError (93) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: rxSectionSynchronizationError (79)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		

Table 14-197 S2LPathBypassTunnelActive

Alarm	Attributes	Supported releases
Name: S2LPathBypassTunnelActive (777) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: warning Implicitly cleared: true Default probable cause: S2LPathReroutedToBypassTunnel (552)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when the bypass tunnel in an S2L path becomes active. The alarm clears when the bypass tunnel is no longer active, for example, because a primary tunnel failure is resolved or a new path is established.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		

Table 14-198 S2LPathDown

Alarm	Attributes	Supported releases
Name: S2LPathDown (778) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: major Implicitly cleared: true Default probable cause: S2LPathDown (553)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the S2L path Administrative State is Up and the Operational State is not Up. The alarm clears when the S2L path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 14-199 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 14-200 SdpBindingDown

Alarm	Attributes	Supported releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		

Table 14-201 SdpBindingTunnelDown

Alarm	Attributes	Supported releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		

Table 14-202 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Supported releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the sdp egress interfaces consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		

Table 14-203 SecondaryPathLimitReached

Alarm	Attributes	Supported releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' >= " (1000 * 'Secondary Path Limit')"))		
Clearing condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit'))		

Table 14-204 SectionB1Error

Alarm	Attributes	Supported releases
Name: SectionB1Error (87) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionB1Error (73)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a section error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		

Table 14-205 SectionLossOfFrame

Alarm	Attributes	Supported releases
Name: SectionLossOfFrame (90) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfFrame (76)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a SLOF error. The alarm corresponds to the slof alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		

Table 14-206 SectionLossOfSignal

Alarm	Attributes	Supported releases
Name: SectionLossOfSignal (91) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfSignal (77)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a SLOS error. The alarm corresponds to the slos alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		

Table 14-207 SectionS1Failure

Alarm	Attributes	Supported releases
Name: SectionS1Failure (86) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionS1Failure (72)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		

Table 14-208 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 14-209 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 14-210 ShamLinkDown

Alarm	Attributes	Supported releases
Name: ShamLinkDown (665) Type: ShamLinkAlarm (57) Package: ospf Raised on class: ospf.ShamLink	Severity: critical Implicitly cleared: true Default probable cause: ShamLinkDown (492)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a sham link is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 14-211 SingleSFMOverloadDetected

Alarm	Attributes	Supported releases
Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: l3fwd Raised on class: l3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: singleSfmOverloadDetected (601)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.		
Raising condition: ('Overload State' EQUAL 'Overload')		
Clearing condition: ('Overload State' EQUAL 'Normal')		

Table 14-212 SonetPathAlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: SonetPathAlarmIndicationSignal (129) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathAlarmIndicationSignal (63)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))))		

Table 14-213 SonetPathB3Error

Alarm	Attributes	Supported releases
Name: SonetPathB3Error (132) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathB3Error (66)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a path error condition because of b3 errors. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))))		

Table 14-214 SonetPathLossOfCodegroupDelineationError

Alarm	Attributes	Supported releases
Name: SonetPathLossOfCodegroupDelineationError (248) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfCodegroupDelineationError (185)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a PLCD error. The alarm corresponds to the plcd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))))		

Table 14-215 SonetPathLossOfPointer

Alarm	Attributes	Supported releases
Name: SonetPathLossOfPointer (130) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfPointer (64)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a PLOP error. The alarm corresponds to the plop alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		

Table 14-216 SonetPathPayloadMismatch

Alarm	Attributes	Supported releases
Name: SonetPathPayloadMismatch (133) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathPayloadMismatch (67)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a PPLM error on a channel, after which the channel is set operationally down. The alarm corresponds to the pplm alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		

Table 14-217 SonetPathRemoteB3Error

Alarm	Attributes	Supported releases
Name: SonetPathRemoteB3Error (134) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteB3Error (68)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a path error condition that a remote NE raises because of b3 errors received from the local NE. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		

Table 14-218 SonetPathRemoteDefectIndication

Alarm	Attributes	Supported releases
Name: SonetPathRemoteDefectIndication (131) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteDefectIndication (65)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a remote PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		

Table 14-219 SonetPathUnequippedPathError

Alarm	Attributes	Supported releases
Name: SonetPathUnequippedPathError (143) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathUnequippedPathError (114)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a path unequipped error. The alarm corresponds to the puneq alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		

Table 14-220 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 14-221 StpExceptionCondition

Alarm	Attributes	Supported releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		

Table 14-222 StpRootGuardViolation

Alarm	Attributes	Supported releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		

Table 14-223 SubscriberInterfaceDown

Alarm	Attributes	Supported releases
Name: SubscriberInterfaceDown (440) Type: SubscriberInterfaceAlarm (43) Package: service Raised on class: service.SubscriberInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a subscriber interface is operationally down. The alarm clears when the subscriber interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 14-224 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 14-225 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 14-226 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 14-227 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 14-228 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 14-229 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 14-230 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 14-231 TunnelDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 14-232 TunnelDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 14-233 TxSectionSynchronizationError

Alarm	Attributes	Supported releases
Name: TxSectionSynchronizationError (92) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: txSectionSynchronizationError (78)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports an SS1F error. The alarm corresponds to the ss1f alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		

Table 14-234 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 14-235 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 14-236 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 14-237 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 14-238 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 14-239 VirtualLinkDown

Alarm	Attributes	Supported releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 14-240 VirtualNeighborDown

Alarm	Attributes	Supported releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		

Table 14-241 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '"TiMOS-B-3.0.Generic "') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '"TiMOS-B-3.0.Generic "') AND ('Chassis Type' EQUAL '7701 CPAA'))		

Table 14-242 XplError

Alarm	Attributes	Supported releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		

15 — Alcatel-Lucent 7750 SR alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 15-1 AaPolicerResourcesExceeded

Alarm	Attributes	Supported releases
Name: AaPolicerResourcesExceeded (2930) Type: configurationAlarm (11) Package: aapolicy Raised on class: aapolicy.AaSubOvrd	Severity: warning Implicitly cleared: false Default probable cause: AaPolicerResourcesExceeded (1124)	<ul style="list-style-type: none">9.0.0
Description: The alarm is raised when Application Assurance policer resources have been exceeded by configured overrides.		
Raising condition: (('Policer Resource Status' EQUAL 'Exceeded'))		
Clearing condition: (('Policer Resource Status' NOT EQUAL 'Exceeded'))		

Table 15-2 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 15-3 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 15-4 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 15-5 AncillaryPathLimitReached

Alarm	Attributes	Supported releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' >= (1000 * 'Ancillary Path Limit'))"		
Clearing condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit'))		

Table 15-6 AreaTypeMismatch

Alarm	Attributes	Supported releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		

Table 15-7 AsymmetricalConfig (lag)

Alarm	Attributes	Supported releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: lag Raised on classes: <ul style="list-style-type: none"> • lag.MultiChassisLag • lag.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the members of an MC LAG do not have matching configurations.		
Raising condition: ('configMismatches' NOT EQUAL '0L')		
Clearing condition: ('configMismatches' EQUAL '0L')		

Table 15-8 AsymmetricalConfig (multichassis)

Alarm	Attributes	Supported releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisPeer multichassis.MultiChassisLagMember multichassis.MultiChassisLag 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		
Raising condition: ('Asymmetrical Configuration Detected' EQUAL 'true')		
Clearing condition: ('Asymmetrical Configuration Detected' EQUAL 'false')		

Table 15-9 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 15-10 BerLineSignalDegradation

Alarm	Attributes	Supported releases
Name: BerLineSignalDegradation (88) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalDegradation (74)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		

Table 15-11 BerLineSignalFailure

Alarm	Attributes	Supported releases
Name: BerLineSignalFailure (89) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalFailure (75)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sf alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		

Table 15-12 BfdInterfaceConnectionBroken

Alarm	Attributes	Supported releases
Name: BfdInterfaceConnectionBroken (3329) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		

Table 15-13 BfdInterfaceConnectionDown

Alarm	Attributes	Supported releases
Name: BfdInterfaceConnectionDown (3330) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		

Table 15-14 BfdInterfaceConnectionPeerDetectsDown

Alarm	Attributes	Supported releases
Name: BfdInterfaceConnectionPeerDetectsDown (3331) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 15-15 BgpDown

Alarm	Attributes	Supported releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-16 BITS2NotQualified

Alarm	Attributes	Supported releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 15-17 BITSNotQualified

Alarm	Attributes	Supported releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 15-18 BITSReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 15-19 BITSReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 15-20 BITSReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 15-21 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 15-22 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 15-23 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 15-24 BundleDown

Alarm	Attributes	Supported releases
Name: BundleDown (152) Type: equipmentAlarm (3) Package: bundle Raised on class: bundle.Interface	Severity: critical Implicitly cleared: true Default probable cause: bundleDown (128)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the bundle Administrative State is Up and the Operational State is Down.		
Raising condition: (('Protection Type' EQUAL 'None') AND ('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up') AND ('specificCardType' NOT EQUAL '16 x E1 (ASAP)'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-25 CcagDown

Alarm	Attributes	Supported releases
Name: CcagDown (210) Type: equipmentAlarm (3) Package: ccag Raised on class: ccag.CrossConnectAggregationGroup	Severity: major Implicitly cleared: true Default probable cause: CcagDown (163)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the CCAG Administrative State is Up and the Operational State is Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-26 CesBfrOverrun

Alarm	Attributes	Supported releases
Name: CesBfrOverrun (448) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer overrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		

Table 15-27 CesBfrUnderrun

Alarm	Attributes	Supported releases
Name: CesBfrUnderrun (449) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer underrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		

Table 15-28 CesMalformedPkts

Alarm	Attributes	Supported releases
Name: CesMalformedPkts (446) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: malformedPackets (320)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects one or more malformed packets.		
Raising condition: (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		

Table 15-29 CesPktLoss

Alarm	Attributes	Supported releases
Name: CesPktLoss (447) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfPacket (321)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		

Table 15-30 CesRmtPktLoss

Alarm	Attributes	Supported releases
Name: CesRmtPktLoss (450) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: farEndLossOfPacket (323)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a remote packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		

Table 15-31 CesRmtRdi

Alarm	Attributes	Supported releases
Name: CesRmtRdi (452) Type: configurationAlarm (11) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: farEndRdi (325)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a remote RDI.		
Raising condition: (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		

Table 15-32 CesRmtTdmFault

Alarm	Attributes	Supported releases
Name: CesRmtTdmFault (451) Type: configurationAlarm (11) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: tdmFarEndFault (324)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a remote TDM fault.		
Raising condition: (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		

Table 15-33 CesStrayPkts

Alarm	Attributes	Supported releases
Name: CesStrayPkts (445) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: strayPackets (319)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects received stray packets.		
Raising condition: (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		

Table 15-34 CircuitStpExceptionCondition

Alarm	Attributes	Supported releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: l2fwd Raised on class: l2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		

Table 15-35 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 15-36 ConfigurationRollBackStatus

Alarm	Attributes	Supported releases
Name: ConfigurationRollBackStatus (3684) Type: configurationRollBackAlarm (103) Package: netw Raised on class: netw.NetworkElement	Severity: info Implicitly cleared: false Default probable cause: configurationRollBackOperationPerformed (1422)	<ul style="list-style-type: none"> • 9.0.0
Description: The alarm is raised when a configuration rollback operation is performed.		

Table 15-37 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 15-38 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 15-39 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 15-40 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 15-41 CpmProtectionExceedEntry

Alarm	Attributes	Supported releases
Name: CpmProtectionExceedEntry (2925) Type: communications (87) Package: sitesec Raised on class: sitesec.CpmProtExcdEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a packet stream has exceeded its per-source limit.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		

Table 15-42 CpmProtectionViolationIfEntry

Alarm	Attributes	Supported releases
Name: CpmProtectionViolationIfEntry (2926) Type: communications (87) Package: sitesec Raised on class: sitesec.CpmProtViolIfEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the interface is violated		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		

Table 15-43 CpmProtectionViolationPortEntry

Alarm	Attributes	Supported releases
Name: CpmProtectionViolationPortEntry (2927) Type: communications (87) Package: sitesec Raised on class: sitesec.CpmProtViolPortEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the port is violated		
Raising condition: (('Number of Per-port Violations' NOT EQUAL '0L') OR ('Number of Link-specific Violations' NOT EQUAL '0L'))		

Table 15-44 CpmProtectionViolationSAPEntry

Alarm	Attributes	Supported releases
Name: CpmProtectionViolationSAPEntry (2928) Type: communications (87) Package: sitesec Raised on class: sitesec.CpmProtViolSapEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the SAP is violated		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		

Table 15-45 DDMAux1HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1HighAlarm (495) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1HighAlarm (381)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Alarm'))		

Table 15-46 DDMAux1HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux1HighWarning (494) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1HighWarning (380)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Warning'))		

Table 15-47 DDMAux1LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1LowAlarm (493) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1LowAlarm (379)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Alarm'))		

Table 15-48 DDMAux1LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux1LowWarning (492) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1LowWarning (378)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Warning'))		

Table 15-49 DDMAux2HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2HighAlarm (499) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2HighAlarm (385)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Alarm'))		

Table 15-50 DDMAux2HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux2HighWarning (498) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2HighWarning (384)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Warning'))		

Table 15-51 DDMAux2LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2LowAlarm (497) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2LowAlarm (383)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Alarm'))		

Table 15-52 DDMAux2LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux2LowWarning (496) Type: communicatiothresholdAlarmnsAlarm (50) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2LowWarning (382)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Warning'))		

Table 15-53 DDMRxOpticalPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighAlarm (491) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerHighAlarm (377)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Alarm'))		

Table 15-54 DDMRxOpticalPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighWarning (490) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerHighWarning (376)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Warning'))		

Table 15-55 DDMRxOpticalPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowAlarm (489) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerLowAlarm (375)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Alarm'))		

Table 15-56 DDMRxOpticalPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowWarning (488) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerLowWarning (374)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Warning'))		

Table 15-57 DDMSupplyVoltageHighAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighAlarm (479) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageHighAlarm (365)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Alarm'))		

Table 15-58 DDMSupplyVoltageHighWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighWarning (478) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageHighWarning (364)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Warning'))		

Table 15-59 DDMSupplyVoltageLowAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowAlarm (477) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageLowAlarm (363)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Alarm'))		

Table 15-60 DDMSupplyVoltageLowWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowWarning (476) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageLowWarning (362)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Warning'))		

Table 15-61 DDMTemperatureHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighAlarm (475) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureHighAlarm (361)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Alarm'))		

Table 15-62 DDMTemperatureHighWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighWarning (474) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureHighWarning (360)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Warning'))		

Table 15-63 DDMTemperatureLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowAlarm (473) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureLowAlarm (359)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Alarm'))		

Table 15-64 DDMTemperatureLowWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowWarning (472) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureLowWarning (358)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Warning'))		

Table 15-65 DDMTxBiasCurrentHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighAlarm (483) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentHighAlarm (369)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Alarm'))		

Table 15-66 DDMTxBiasCurrentHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighWarning (482) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentHighWarning (368)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Warning'))		

Table 15-67 DDMTxBiasCurrentLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowAlarm (481) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentLowAlarm (367)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Alarm'))		

Table 15-68 DDMTxBiasCurrentLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowWarning (480) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentLowWarning (366)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Warning'))		

Table 15-69 DDMTxOutputPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighAlarm (487) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerHighAlarm (373)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Alarm'))		

Table 15-70 DDMTxOutputPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighWarning (486) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerHighWarning (372)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Warning'))		

Table 15-71 DDMTxOutputPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowAlarm (485) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerLowAlarm (371)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power Low Alarm'))		

Table 15-72 DDMTxOutputPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowWarning (484) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerLowWarning (370)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power Low Warning'))		

Table 15-73 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 15-74 DS1E1AlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: DS1E1AlarmIndicationSignal (112) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		

Table 15-75 DS1E1Looped

Alarm	Attributes	Supported releases
Name: DS1E1Looped (126) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		

Table 15-76 DS1E1LossOfSignal

Alarm	Attributes	Supported releases
Name: DS1E1LossOfSignal (124) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

Table 15-77 DS1E1OutOfFrame

Alarm	Attributes	Supported releases
Name: DS1E1OutOfFrame (125) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		

Table 15-78 DS1E1ResourceAvailabilityIndicator

Alarm	Attributes	Supported releases
Name: DS1E1ResourceAvailabilityIndicator (114) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		

Table 15-79 DS1E1SignalDegradation

Alarm	Attributes	Supported releases
Name: DS1E1SignalDegradation (500) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalDegradation (386)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SD alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		

Table 15-80 DS1E1SignalFailure

Alarm	Attributes	Supported releases
Name: DS1E1SignalFailure (501) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalFailure (387)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 15-81 DS3E3AlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: DS3E3AlarmIndicationSignal (115) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		

Table 15-82 DS3E3Looped

Alarm	Attributes	Supported releases
Name: DS3E3Looped (120) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		

Table 15-83 DS3E3LossOfSignal

Alarm	Attributes	Supported releases
Name: DS3E3LossOfSignal (116) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

Table 15-84 DS3E3OutOfFrame

Alarm	Attributes	Supported releases
Name: DS3E3OutOfFrame (117) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		

Table 15-85 DS3E3ResourceAvailability

Alarm	Attributes	Supported releases
Name: DS3E3ResourceAvailability (119) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		

Table 15-86 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 15-87 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 15-88 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 15-89 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 15-90 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 15-91 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 15-92 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 15-93 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 15-94 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 15-95 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 15-96 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 15-97 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 15-98 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 15-99 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 15-100 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 15-101 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 15-102 ExternalTimingReferenceNotQualified

Alarm	Attributes	Supported releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified' NOT EQUAL 'Not Qualified'))		

Table 15-103 FailoverUnavailable

Alarm	Attributes	Supported releases
Name: FailoverUnavailable (1155) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: minor Implicitly cleared: true Default probable cause: failoverUnavailable (858)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Local DHCP Server Failover has a state other than Normal.		
Raising condition: (('Operational State' NOT EQUAL 'Normal'))		
Clearing condition: (('Operational State' EQUAL 'Normal'))		

Table 15-104 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 15-105 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 15-106 ForwardingTableSizeLimitReached

Alarm	Attributes	Supported releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: l2fwd Raised on class: l2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by l2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by l2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		

Table 15-107 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 15-108 FrameSizeProblem (svt)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		

Table 15-109 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteegsn Raised on class: lteegsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 15-110 GRE TunnelDown

Alarm	Attributes	Supported releases
Name: GRE TunnelDown (3326) Type: serviceAlarm (16) Package: svt Raised on class: svt.GRETunnel	Severity: major Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 9.0.0
Description: The alarm is raised when the GRE tunnel Operational State changes to Down and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-111 GroupDown

Alarm	Attributes	Supported releases
Name: GroupDown (69) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Group	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a RIP group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 15-112 GroupInterfaceDown

Alarm	Attributes	Supported releases
Name: GroupInterfaceDown (441) Type: GroupInterfaceAlarm (44) Package: service Raised on class: service.GroupInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that a group interface is operationally down. The alarm clears when the group interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 15-113 IGHMisconfigured

Alarm	Attributes	Supported releases
Name: IGHMisconfigured (827) Type: ighAlarm (74) Package: igh Raised on class: igh.InterfaceGroupHandler	Severity: major Implicitly cleared: true Default probable cause: IGHProtocolMismatch (590)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when the IGH is administratively up but none of the IGH protocols is operationally up.		
Raising condition: (('igh_misconfigured' EQUAL "\"yes\"") AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('igh_misconfigured' NOT EQUAL "\"yes\"") OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-114 IgmpDown

Alarm	Attributes	Supported releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-115 IncompleteConfig (multichassis)

Alarm	Attributes	Supported releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisSync multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mcLagPointer' EQUAL '\')		
Clearing condition: ('mcLagPointer' NOT EQUAL '\')		

Table 15-116 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 15-117 IncorrectEndPointPeerConfig

Alarm	Attributes	Supported releases
Name: IncorrectEndPointPeerConfig (1068) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: major Implicitly cleared: true Default probable cause: incompleteEPPeerConfig (810)	<ul style="list-style-type: none"> 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('MC EndPoint Group Pointer' EQUAL '\')		
Clearing condition: ('MC EndPoint Group Pointer' NOT EQUAL '\')		

Table 15-118 IncorrectNeighborConfig

Alarm	Attributes	Supported releases
Name: IncorrectNeighborConfig (609) Type: configurationAlarm (11) Package: aps Raised on class: aps.ApsGroup	Severity: major Implicitly cleared: true Default probable cause: incorrectNeighborConfig (452)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the peer does not exist or the neighbor address does not point to a network interface on the NE that contains the peer object.		
Raising condition: (('Type' EQUAL 'MultiChassis') AND ('Neighbor match' EQUAL 'false'))		
Clearing condition: (('Type' EQUAL 'SingleChassis') OR ('Neighbor match' EQUAL 'true'))		

Table 15-119 IncorrectPeerConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.Peer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		

Table 15-120 IncorrectPeerSynchronizationPortConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerSynchronizationPortConfig (780) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPort	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortConfig (555)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the peer port does not exist, or when the peer port exists but the synchronization tags of the peers do not match.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		

Table 15-121 IncorrectPeerSynchronizationPortEncapRangeConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerSynchronizationPortEncapRangeConfig (781) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPortEncapRange	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortEncapRangeConfig (556)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the VLAN ranges on the Multi-Chassis synchronization peers do not match.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		

Table 15-122 InstanceDown (srrp)

Alarm	Attributes	Supported releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that an SRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' EQUAL 'Initialize'))		
Clearing condition: (('Operational State' NOT EQUAL 'Initialize') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-123 InstanceDown (vrrp)

Alarm	Attributes	Supported releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that a VRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-124 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 15-125 InterfaceDown (service)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: service Raised on class: service.RedundantInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that a redundant interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 15-126 InterfaceDown (vpls)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 15-127 InterfaceDown (vprn)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vprn Raised on class: vprn.IPMirrorInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that an interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 15-128 InterfaceNeighborDown

Alarm	Attributes	Supported releases
Name: InterfaceNeighborDown (661) Type: NeighborDown (20) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an interface neighbor is operationally down.		
Raising condition: (('Neighbor Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'true'))		
Clearing condition: (('Neighbor Count' NOT EQUAL '0L') OR ('Passive' EQUAL 'true'))		

Table 15-129 IPSecGatewayDown

Alarm	Attributes	Supported releases
Name: IPSecGatewayDown (830) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecGateway	Severity: major Implicitly cleared: true Default probable cause: gatewayDown (592)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Operational State of a SAP IPsec gateway changes to Down and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-130 IPSecTunnelBfdConnectionBroken

Alarm	Attributes	Supported releases
Name: IPSecTunnelBfdConnectionBroken (831) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('operState' EQUAL 'Timed Out')		
Clearing condition: ('operState' NOT EQUAL 'Timed Out')		

Table 15-131 IPSecTunnelBfdConnectionDown

Alarm	Attributes	Supported releases
Name: IPSecTunnelBfdConnectionDown (832) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('operState' NOT EQUAL 'Operational')		
Clearing condition: ('operState' EQUAL 'Operational')		

Table 15-132 IPSecTunnelBfdConnectionPeerDetectsDown

Alarm	Attributes	Supported releases
Name: IPSecTunnelBfdConnectionPeerDetectsDown (833) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('operState' EQUAL 'Down')		
Clearing condition: ('operState' NOT EQUAL 'Down')		

Table 15-133 IPSecTunnelDown

Alarm	Attributes	Supported releases
Name: IPSecTunnelDown (834) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnel	Severity: major Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when the IPsec tunnel Operational State changes to Down and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-134 IsaAaGrpDown

Alarm	Attributes	Supported releases
Name: IsaAaGrpDown (647) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: major Implicitly cleared: true Default probable cause: IsaAaGrpDown (482)	<ul style="list-style-type: none"> 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when an ISA-AA group Operational State is Down, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-135 IsaAaSubUnassigned

Alarm	Attributes	Supported releases
Name: IsaAaSubUnassigned (836) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: true Default probable cause: IsaAaSubUnassigned (596)	<ul style="list-style-type: none"> 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when a subscriber cannot be assigned to an ISA-AA MDA in an AA group because of insufficient service queues, a high AA subscriber count, or a high AA subscriber statistics collection rate. The unassigned subscriber is treated as specified by the Operation Upon Failure parameter in the AA group. Recovery from this condition requires the removal and recreation of the AA subscriber when sufficient resources are available.		
Raising condition: (('Number of Unassigned ESM Subscribers' NOT EQUAL '0L') OR ('Number of Unassigned SAP Subscribers' NOT EQUAL '0L') OR ('Number of Unassigned Spoke SDP Subscribers' NOT EQUAL '0L'))		
Clearing condition: (('Number of Unassigned ESM Subscribers' EQUAL '0L') AND ('Number of Unassigned SAP Subscribers' EQUAL '0L') AND ('Number of Unassigned Spoke SDP Subscribers' EQUAL '0L'))		

Table 15-136 IsaLnsGrpDown

Alarm	Attributes	Supported releases
Name: IsaLnsGrpDown (1119) Type: equipmentAlarm (3) Package: isa Raised on class: isa.LnsGroup	Severity: major Implicitly cleared: true Default probable cause: IsaLnsGrpDown (831)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when the Operational State of an ISA-LNS group is Down and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-137 IsaVideoGrpDown

Alarm	Attributes	Supported releases
Name: IsaVideoGrpDown (775) Type: equipmentAlarm (3) Package: isa Raised on class: isa.VideoGroup	Severity: major Implicitly cleared: true Default probable cause: IsaVideoGrpDown (550)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when the Operational State of an ISA video group is Down and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-138 IsisAdjacencyDown

Alarm	Attributes	Supported releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		

Table 15-139 IsisDown

Alarm	Attributes	Supported releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-140 IsisInterfaceDown

Alarm	Attributes	Supported releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 15-141 KeepAliveProblem

Alarm	Attributes	Supported releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		

Table 15-142 L2TPDown

Alarm	Attributes	Supported releases
Name: L2TPDown (841) Type: ProtocolAlarm (1) Package: l2tp Raised on class: l2tp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an L2TP site becomes administratively down. The alarm clears when the L2TP site becomes administratively up.		
Raising condition: ('Administrative State' EQUAL 'Down')		
Clearing condition: ('Administrative State' EQUAL 'Up')		

Table 15-143 LabelProblem

Alarm	Attributes	Supported releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		

Table 15-144 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-145 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 15-146 LdpDown

Alarm	Attributes	Supported releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-147 LdpSessionNonexistent

Alarm	Attributes	Supported releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an LDP session is nonexistent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		

Table 15-148 LdpTargetedPeerDown

Alarm	Attributes	Supported releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 15-149 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 15-150 LineAlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: LineAlarmIndicationSignal (84) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineAlarmIndicationSignal (70)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports an LAIS error. The alarm corresponds to the lais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		

Table 15-151 LineErrorCondition

Alarm	Attributes	Supported releases
Name: LineErrorCondition (94) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineErrorCondition (80)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a line error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		

Table 15-152 LineRemoteDefectIndication

Alarm	Attributes	Supported releases
Name: LineRemoteDefectIndication (85) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineRemoteDefectIndication (71)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a line remote defect indication error caused by an LOF, LOC, or LOS condition. The alarm corresponds to the lrdi alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		

Table 15-153 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 15-154 LocalRncvOperDown

Alarm	Attributes	Supported releases
Name: LocalRncvOperDown (521) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: localRncvDisconnected (396)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the local RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Local Operational State' NOT EQUAL 'Connected') AND ('Local Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Local Operational State' EQUAL 'Connected') OR ('Local Operational State' EQUAL 'Not Tested'))		

Table 15-155 LossOfClock (sonetequipment)

Alarm	Attributes	Supported releases
Name: LossOfClock (83) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfClock (69)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports an LOC condition, which causes the NE to set the port Operational State to Down.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		

Table 15-156 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 15-157 LspDown

Alarm	Attributes	Supported releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 15-158 LspPathBypassTunnelActive

Alarm	Attributes	Supported releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		

Table 15-159 LspPathDown

Alarm	Attributes	Supported releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: lspPathDown (20)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		

Table 15-160 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 15-161 macMoveRateExceeded (svt)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		

Table 15-162 MCLagDown (lag)

Alarm	Attributes	Supported releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mclagDown (295)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 15-163 MCLagDown (multichassis)

Alarm	Attributes	Supported releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mclagDown (295)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-164 MCPeerEPDown

Alarm	Attributes	Supported releases
Name: MCPeerEPDown (1069) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: critical Implicitly cleared: true Default probable cause: MCPeerEPDown (811)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MC endpoint is operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-165 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 15-166 MigrationCompleted

Alarm	Attributes	Supported releases
Name: MigrationCompleted (753) Type: migrationComplete (62) Package: equipment Raised on class: equipment.NeCardSwapTask	Severity: info Implicitly cleared: false Default probable cause: migrationComplete (529)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a card migration event completes.		
Raising condition: ('Status' EQUAL 'Migration completed')		

Table 15-167 MigrationFailed

Alarm	Attributes	Supported releases
Name: MigrationFailed (754) Type: migrationFailure (63) Package: equipment Raised on class: equipment.NeCardSwapTask	Severity: major Implicitly cleared: false Default probable cause: migrationFailure (530)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a card migration event fails.		
Raising condition: (('Status' EQUAL 'Failed - Latest configuration not available') OR ('Status' EQUAL 'Failed - Unable to migrate configuration') OR ('Status' EQUAL 'Failed - Unable to transfer migrated configuration') OR ('Status' EQUAL 'Failed - Unable to reboot network element'))		

Table 15-168 MissingLocalEntry

Alarm	Attributes	Supported releases
Name: MissingLocalEntry (291) Type: configurationAlarm (11) Package: l2fwd Raised on class: l2fwd.ServiceMacProtection	Severity: minor Implicitly cleared: true Default probable cause: Protected_Mac_Address_Not_Global (222)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a protected MAC address is not configured on all sites of a VPLS. This can occur if the protected MAC address is added or removed using a CLI.		
Raising condition: ('isEntryGlobal' EQUAL 'false')		
Clearing condition: ('isEntryGlobal' EQUAL 'true')		

Table 15-169 MldDown

Alarm	Attributes	Supported releases
Name: MldDown (587) Type: ProtocolAlarm (1) Package: mld Raised on class: mld.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MLD site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-170 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		

Table 15-171 MplsDown

Alarm	Attributes	Supported releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-172 MplsPathUpdateFailed

Alarm	Attributes	Supported releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> • mbbRetryExceeded • lspPathGoingDown • startingHighPriMbb • restartingMbb • highPriMbbInProg 	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: ('Last Performed State' EQUAL 'Success')		

Table 15-173 MrpAttrTblSizeLimitReached

Alarm	Attributes	Supported releases
Name: MrpAttrTblSizeLimitReached (574) Type: resourceAlarm (28) Package: l2fwd Raised on class: l2fwd.SiteMrp	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the number of MRP attribute table entries for a service site exceeds the high watermark specified by l2fwd.SiteMrp.mrpAttrTblHighWatermark. The alarm clears when the number of MRP attribute table entries for the site drops below the low watermark specified by l2fwd.SiteMrp.mrpAttrTblLowWatermark.		
Raising condition: (('MRP Attribute Count' >= 'MRP Max Attributes') OR ('MRP Attribute Count' >= (('MRP Attribute-Table-High-Watermark' * 'MRP Max Attributes') / 100.0)))		
Clearing condition: (('MRP Attribute Count' < 'MRP Max Attributes') AND (('MRP Attribute-Table-High-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))) AND (('MRP Attribute-Table-Low-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0)))		

Table 15-174 MsdpDown

Alarm	Attributes	Supported releases
Name: MsdpDown (353) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MSDP site is administratively down. The alarm clears when the site is administratively up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		

Table 15-175 MultiChassisRingDown

Alarm	Attributes	Supported releases
Name: MultiChassisRingDown (520) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: ringDown (395)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a MC ring group Operational State is not in the Connected state. The alarm is cleared when the ring group enters the Connected state.		
Raising condition: ('Operational State' NOT EQUAL 'Connected')		
Clearing condition: ('Operational State' EQUAL 'Connected')		

Table 15-176 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Supported releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		

Table 15-177 MvrConfiguredProxySapNotExist

Alarm	Attributes	Supported releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> • vpls.L2AccessInterfaceMldMvrCfg • vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		
Raising condition: ('proxySapExists' EQUAL 'false')		
Clearing condition: ('proxySapExists' EQUAL 'true')		

Table 15-178 NeighborDown

Alarm	Attributes	Supported releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		

Table 15-179 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		

Table 15-180 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 15-181 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 15-182 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 15-183 NoPeerMcRingFound

Alarm	Attributes	Supported releases
Name: NoPeerMcRingFound (782) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: IncompleteConfig (557)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM cannot find the peer MC ring.		
Raising condition: ('Peer Multi-Chassis Ring' EQUAL '\')		
Clearing condition: ('Peer Multi-Chassis Ring' NOT EQUAL '\')		

Table 15-184 OspfInterfaceDown

Alarm	Attributes	Supported releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		

Table 15-185 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 15-186 PeerConnectionDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-187 PeerConnectionDown (msdp)

Alarm	Attributes	Supported releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the connectionState of this peer changes from Established to a state other than Established. The alarm clears when the connectionState of this peer returns to the Established state.		
Raising condition: (('connectionState' NOT EQUAL 'Established') AND ('administrativeState' EQUAL 'Up'))		
Clearing condition: (('connectionState' EQUAL 'Established') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 15-188 PeerDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-189 PeerDown (msdp)

Alarm	Attributes	Supported releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Administrative State of a peer changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('administrativeState' EQUAL 'Down'))		
Clearing condition: (('administrativeState' NOT EQUAL 'Down'))		

Table 15-190 PeerGroupDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-191 PeerGroupDown (msdp)

Alarm	Attributes	Supported releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Administrative State of a peer group changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		

Table 15-192 PeerLacIngressEgressFault

Alarm	Attributes	Supported releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		

Table 15-193 PeerUnreachable

Alarm	Attributes	Supported releases
Name: PeerUnreachable (842) Type: ProtocolAlarm (1) Package: l2tp Raised on class: l2tp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an L2TP peer becomes unreachable.		
Raising condition: ('Status' EQUAL 'Unreachable')		
Clearing condition: ('Status' EQUAL 'Reachable')		

Table 15-194 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 15-195 PimDown

Alarm	Attributes	Supported releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: This alarm is raised when a PIM site is administratively Up but operationally Down. The alarm clears when the site becomes operationally Up or administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-196 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 15-197 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 15-198 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 15-199 PppLoopbackDetected

Alarm	Attributes	Supported releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		

Table 15-200 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 15-201 PrimaryPathLimitReached

Alarm	Attributes	Supported releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit'))"		
Clearing condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit'))		

Table 15-202 PTPNotQualified

Alarm	Attributes	Supported releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 15-203 PTPPeerLossOfAnnounce

Alarm	Attributes	Supported releases
Name: PTPPeerLossOfAnnounce (3608) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfAnnounce (1397)	<ul style="list-style-type: none"> 9.0.0
Description: The alarm is raised when the peer is in the 'Packet Timing Signal Fail (Loss Announce)' state, indicating that it is not receiving PTP announce messages from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Announce'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Announce'))		

Table 15-204 PTPPeerLossOfSync

Alarm	Attributes	Supported releases
Name: PTPPeerLossOfSync (3609) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEETPPeer	Severity: minor Implicitly cleared: true Default probable cause: PTPPeerLossOfSync (1398)	<ul style="list-style-type: none"> 9.0.0
Description: The alarm is raised when the peer is in the 'Packet Timing Signal Fail (Loss Sync)' state, indicating that it is not receiving PTP timing messages from the remote master.		
Raising condition: (('Master GM Alarms'anyBit'Loss of Sync'))		
Clearing condition: NOT (('Master GM Alarms'anyBit'Loss of Sync'))		

Table 15-205 PTPReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 15-206 PTPReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 15-207 PTPReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> 6.0.0 7.0.0 8.0.0 9.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 15-208 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 15-209 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 15-210 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 15-211 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 15-212 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 15-213 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 15-214 RemoteRncvOperDown

Alarm	Attributes	Supported releases
Name: RemoteRncvOperDown (522) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: remoteRncvDisconnected (397)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the remote RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Remote Operational State' NOT EQUAL 'Connected') AND ('Remote Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Remote Operational State' EQUAL 'Connected') OR ('Remote Operational State' EQUAL 'Not Tested'))		

Table 15-215 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-216 RouteDistinguisherNotConfigured

Alarm	Attributes	Supported releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: l3fwd Raised on class: l3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL '\00 00 00 00 00 00 00 00')		
Clearing condition: ('routeDistinguisher' NOT EQUAL '\00 00 00 00 00 00 00 00')		

Table 15-217 RsvpDown

Alarm	Attributes	Supported releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 15-218 RxSectionSynchronizationError

Alarm	Attributes	Supported releases
Name: RxSectionSynchronizationError (93) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: rxSectionSynchronizationError (79)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		

Table 15-219 S2LPathBypassTunnelActive

Alarm	Attributes	Supported releases
Name: S2LPathBypassTunnelActive (777) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: warning Implicitly cleared: true Default probable cause: S2LPathReroutedToBypassTunnel (552)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when the bypass tunnel in an S2L path becomes active. The alarm clears when the bypass tunnel is no longer active, for example, because a primary tunnel failure is resolved or a new path is established.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		

Table 15-220 S2LPathDown

Alarm	Attributes	Supported releases
Name: S2LPathDown (778) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: major Implicitly cleared: true Default probable cause: S2LPathDown (553)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when the S2L path Administrative State is Up and the Operational State is not Up. The alarm clears when the S2L path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 15-221 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 15-222 SdpBindingDown

Alarm	Attributes	Supported releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		

Table 15-223 SdpBindingTunnelDown

Alarm	Attributes	Supported releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		

Table 15-224 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Supported releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the sdp egress interfaces consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		

Table 15-225 SecondaryPathLimitReached

Alarm	Attributes	Supported releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit')))		
Clearing condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit')))		

Table 15-226 SectionB1Error

Alarm	Attributes	Supported releases
Name: SectionB1Error (87) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionB1Error (73)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a section error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		

Table 15-227 SectionLossOfFrame

Alarm	Attributes	Supported releases
Name: SectionLossOfFrame (90) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfFrame (76)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a SLOF error. The alarm corresponds to the slof alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		

Table 15-228 SectionLossOfSignal

Alarm	Attributes	Supported releases
Name: SectionLossOfSignal (91) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfSignal (77)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a SLOS error. The alarm corresponds to the slos alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		

Table 15-229 SectionS1Failure

Alarm	Attributes	Supported releases
Name: SectionS1Failure (86) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionS1Failure (72)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		

Table 15-230 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 15-231 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 15-232 ShamLinkDown

Alarm	Attributes	Supported releases
Name: ShamLinkDown (665) Type: ShamLinkAlarm (57) Package: ospf Raised on class: ospf.ShamLink	Severity: critical Implicitly cleared: true Default probable cause: ShamLinkDown (492)	<ul style="list-style-type: none"> • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a sham link is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 15-233 SingleSFMOverloadDetected

Alarm	Attributes	Supported releases
Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: l3fwd Raised on class: l3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: singleSfmOverloadDetected (601)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.		
Raising condition: ('Overload State' EQUAL 'Overload')		
Clearing condition: ('Overload State' EQUAL 'Normal')		

Table 15-234 SonetPathAlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: SonetPathAlarmIndicationSignal (129) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathAlarmIndicationSignal (63)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))))		

Table 15-235 SonetPathB3Error

Alarm	Attributes	Supported releases
Name: SonetPathB3Error (132) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathB3Error (66)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a path error condition because of b3 errors. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		

Table 15-236 SonetPathLossOfCodegroupDelineationError

Alarm	Attributes	Supported releases
Name: SonetPathLossOfCodegroupDelineationError (248) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfCodegroupDelineationError (185)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a PLCD error. The alarm corresponds to the plcd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		

Table 15-237 SonetPathLossOfPointer

Alarm	Attributes	Supported releases
Name: SonetPathLossOfPointer (130) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfPointer (64)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a PLOP error. The alarm corresponds to the plop alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		

Table 15-238 SonetPathPayloadMismatch

Alarm	Attributes	Supported releases
Name: SonetPathPayloadMismatch (133) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathPayloadMismatch (67)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a PPLM error on a channel, after which the channel is set operationally down. The alarm corresponds to the pplm alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		

Table 15-239 SonetPathRemoteB3Error

Alarm	Attributes	Supported releases
Name: SonetPathRemoteB3Error (134) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteB3Error (68)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a path error condition that a remote NE raises because of b3 errors received from the local NE. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		

Table 15-240 SonetPathRemoteDefectIndication

Alarm	Attributes	Supported releases
Name: SonetPathRemoteDefectIndication (131) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteDefectIndication (65)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a remote PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		

Table 15-241 SonetPathUnequippedPathError

Alarm	Attributes	Supported releases
Name: SonetPathUnequippedPathError (143) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathUnequippedPathError (114)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports a path unequipped error. The alarm corresponds to the puneq alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		

Table 15-242 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 15-243 StpExceptionCondition

Alarm	Attributes	Supported releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		

Table 15-244 StpRootGuardViolation

Alarm	Attributes	Supported releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		

Table 15-245 SubscriberInterfaceDown

Alarm	Attributes	Supported releases
Name: SubscriberInterfaceDown (440) Type: SubscriberInterfaceAlarm (43) Package: service Raised on class: service.SubscriberInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a subscriber interface is operationally down. The alarm clears when the subscriber interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 15-246 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 15-247 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 15-248 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 15-249 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 15-250 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 15-251 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 15-252 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 15-253 TunnelDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 15-254 TunnelDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 15-255 TxSectionSynchronizationError

Alarm	Attributes	Supported releases
Name: TxSectionSynchronizationError (92) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: txSectionSynchronizationError (78)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a SONET port reports an SS1F error. The alarm corresponds to the ss1f alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		

Table 15-256 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 15-257 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 15-258 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 15-259 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 15-260 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 15-261 VideoInterfaceDown

Alarm	Attributes	Supported releases
Name: VideoInterfaceDown (794) Type: VideoInterfaceAlarm (72) Package: service Raised on class: service.VideoInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 8.0.0 • 9.0.0
Description: The alarm is raised when a video interface is operationally down. The alarm clears when the video interface is operationally up.		
Raising condition: ('Operational State' NOT EQUAL 'Up')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 15-262 VirtualLinkDown

Alarm	Attributes	Supported releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 15-263 VirtualNeighborDown

Alarm	Attributes	Supported releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		

Table 15-264 WaveTrackerEncoderDegrade

Alarm	Attributes	Supported releases
Name: WaveTrackerEncoderDegrade (821) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WavelengthTracker	Severity: major Implicitly cleared: true Default probable cause: EncoderDegrade (584)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when a device reports an encoder degradation on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Encoder Degrade') AND ('Reported Alarms'anyBit'Encoder Degrade'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Encoder Degrade') AND ('Reported Alarms'anyBit'Encoder Degrade'))		

Table 15-265 WaveTrackerEncoderFailure

Alarm	Attributes	Supported releases
Name: WaveTrackerEncoderFailure (822) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WavelengthTracker	Severity: major Implicitly cleared: true Default probable cause: EncoderFailure (585)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when a device reports an encoder failure on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Encoder Failure') AND ('Reported Alarms'anyBit'Encoder Failure'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Encoder Failure') AND ('Reported Alarms'anyBit'Encoder Failure'))		

Table 15-266 WaveTrackerPowerControlDegrade

Alarm	Attributes	Supported releases
Name: WaveTrackerPowerControlDegrade (823) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WavelengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControlDegrade (586)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when a device reports a power control degradation on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Degrade') AND ('Reported Alarms'anyBit'Power Control Degrade'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Power Control Degrade') AND ('Reported Alarms'anyBit'Power Control Degrade'))		

Table 15-267 WaveTrackerPowerControlFailure

Alarm	Attributes	Supported releases
Name: WaveTrackerPowerControlFailure (824) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: critical Implicitly cleared: true Default probable cause: PowerControlFailure (587)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when a device reports a power control failure on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Failure') AND ('Reported Alarms'anyBit'Power Control Failure'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Power Control Failure') AND ('Reported Alarms'anyBit'Power Control Failure'))		

Table 15-268 WaveTrackerPowerControlHighlimit

Alarm	Attributes	Supported releases
Name: WaveTrackerPowerControlHighlimit (825) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControlHighlimit (588)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when a device reports a power control high limit on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control High limit reached') AND ('Reported Alarms'anyBit'Power Control High limit reached'))		
Clearing condition: NOT (((('Configured Alarms'anyBit'Power Control High limit reached') AND ('Reported Alarms'anyBit'Power Control High limit reached'))		

Table 15-269 WaveTrackerPowerControllowlimit

Alarm	Attributes	Supported releases
Name: WaveTrackerPowerControllowlimit (826) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControllowlimit (589)	<ul style="list-style-type: none"> 8.0.0 9.0.0
Description: The alarm is raised when a device reports a power control low limit on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Low limit reached') AND ('Reported Alarms'anyBit'Power Control Low limit reached'))		
Clearing condition: NOT (((('Configured Alarms'anyBit'Power Control Low limit reached') AND ('Reported Alarms'anyBit'Power Control Low limit reached'))		

Table 15-270 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		

Table 15-271 XplError

Alarm	Attributes	Supported releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 6.0.0 • 7.0.0 • 8.0.0 • 9.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		

16 — Alcatel-Lucent 7750 SR MG alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 16-1 AaPolicerResourcesExceeded

Alarm	Attributes	Supported releases
Name: AaPolicerResourcesExceeded (2930) Type: configurationAlarm (11) Package: aapolicy Raised on class: aapolicy.AaSubOvrd	Severity: warning Implicitly cleared: false Default probable cause: AaPolicerResourcesExceeded (1124)	<ul style="list-style-type: none">3.0.0
Description: The alarm is raised when Application Assurance policer resources have been exceeded by configured overrides.		
Raising condition: (('Policer Resource Status' EQUAL 'Exceeded'))		
Clearing condition: (('Policer Resource Status' NOT EQUAL 'Exceeded'))		

Table 16-2 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 16-3 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 16-4 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 16-5 AncillaryPathLimitReached

Alarm	Attributes	Supported releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' >= (1000 * 'Ancillary Path Limit'))"		
Clearing condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit'))		

Table 16-6 AreaTypeMismatch

Alarm	Attributes	Supported releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		

Table 16-7 AsymmetricalConfig (lag)

Alarm	Attributes	Supported releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: lag Raised on classes: <ul style="list-style-type: none"> • lag.MultiChassisLag • lag.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the members of an MC LAG do not have matching configurations.		
Raising condition: ('configMismatches' NOT EQUAL '0L')		
Clearing condition: ('configMismatches' EQUAL '0L')		

Table 16-8 AsymmetricalConfig (multichassis)

Alarm	Attributes	Supported releases
Name: AsymmetricalConfig (295) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisPeer multichassis.MultiChassisLagMember multichassis.MultiChassisLag 	Severity: major Implicitly cleared: true Default probable cause: asymmetricalConfig (226)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when there is a peer configuration mismatch that prevents MC operation.		
Raising condition: ('Asymmetrical Configuration Detected' EQUAL 'true')		
Clearing condition: ('Asymmetrical Configuration Detected' EQUAL 'false')		

Table 16-9 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 16-10 BerLineSignalDegradation

Alarm	Attributes	Supported releases
Name: BerLineSignalDegradation (88) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalDegradation (74)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))))		

Table 16-11 BerLineSignalFailure

Alarm	Attributes	Supported releases
Name: BerLineSignalFailure (89) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalFailure (75)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sf alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		

Table 16-12 BfdInterfaceConnectionBroken

Alarm	Attributes	Supported releases
Name: BfdInterfaceConnectionBroken (3329) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('Operational State' EQUAL 'Timed Out')		
Clearing condition: ('Operational State' NOT EQUAL 'Timed Out')		

Table 16-13 BfdInterfaceConnectionDown

Alarm	Attributes	Supported releases
Name: BfdInterfaceConnectionDown (3330) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('Operational State' NOT EQUAL 'Operational')		
Clearing condition: ('Operational State' EQUAL 'Operational')		

Table 16-14 BfdInterfaceConnectionPeerDetectsDown

Alarm	Attributes	Supported releases
Name: BfdInterfaceConnectionPeerDetectsDown (3331) Type: serviceAlarm (16) Package: vrrp Raised on class: vrrp.BfdInterface	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 16-15 BgpDown

Alarm	Attributes	Supported releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-16 BITS2NotQualified

Alarm	Attributes	Supported releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 16-17 BITSNotQualified

Alarm	Attributes	Supported releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 16-18 BITSReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 16-19 BITSReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 16-20 BITSReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 16-21 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 16-22 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 16-23 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> persistentIndexFailure configFileBootFailure 	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 16-24 BundleDown

Alarm	Attributes	Supported releases
Name: BundleDown (152) Type: equipmentAlarm (3) Package: bundle Raised on class: bundle.Interface	Severity: critical Implicitly cleared: true Default probable cause: bundleDown (128)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the bundle Administrative State is Up and the Operational State is Down.		
Raising condition: (('Protection Type' EQUAL 'None') AND ('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up') AND ('specificCardType' NOT EQUAL '16 x E1 (ASAP)'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-25 CcagDown

Alarm	Attributes	Supported releases
Name: CcagDown (210) Type: equipmentAlarm (3) Package: ccag Raised on class: ccag.CrossConnectAggregationGroup	Severity: major Implicitly cleared: true Default probable cause: CcagDown (163)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the CCAG Administrative State is Up and the Operational State is Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-26 CesBfrOverrun

Alarm	Attributes	Supported releases
Name: CesBfrOverrun (448) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer overrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Overrun') AND ('Report Alarm'anyBit'Buffer Overrun'))		

Table 16-27 CesBfrUnderrun

Alarm	Attributes	Supported releases
Name: CesBfrUnderrun (449) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: bufferOverrun (322)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects a jitter buffer underrun.		
Raising condition: (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Buffer Underrun') AND ('Report Alarm'anyBit'Buffer Underrun'))		

Table 16-28 CesMalformedPkts

Alarm	Attributes	Supported releases
Name: CesMalformedPkts (446) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: malformedPackets (320)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects one or more malformed packets.		
Raising condition: (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		
Clearing condition: NOT (('Report Alarm Status'anyBit'Malformed Packets') AND ('Report Alarm'anyBit'Malformed Packets'))		

Table 16-29 CesPktLoss

Alarm	Attributes	Supported releases
Name: CesPktLoss (447) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfPacket (321)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects a packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Packet Loss') AND ('Report Alarm'anyBit'Packet Loss'))		

Table 16-30 CesRmtPktLoss

Alarm	Attributes	Supported releases
Name: CesRmtPktLoss (450) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: farEndLossOfPacket (323)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects a remote packet loss.		
Raising condition: (('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Remote Packet Loss') AND ('Report Alarm'anyBit'Remote Packet Loss'))		

Table 16-31 CesRmtRdi

Alarm	Attributes	Supported releases
Name: CesRmtRdi (452) Type: configurationAlarm (11) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: farEndRdi (325)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects a remote RDI.		
Raising condition: (('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Remote RDI') AND ('Report Alarm'anyBit'Remote RDI'))		

Table 16-32 CesRmtTdmFault

Alarm	Attributes	Supported releases
Name: CesRmtTdmFault (451) Type: configurationAlarm (11) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: false Default probable cause: tdmFarEndFault (324)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects a remote TDM fault.		
Raising condition: (('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Remote TDM Fault') AND ('Report Alarm'anyBit'Remote TDM Fault'))		

Table 16-33 CesStrayPkts

Alarm	Attributes	Supported releases
Name: CesStrayPkts (445) Type: communicationsAlarm (4) Package: vll Raised on class: vll.VllCesInterfaceSpecifics	Severity: minor Implicitly cleared: true Default probable cause: strayPackets (319)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects received stray packets.		
Raising condition: (('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		
Clearing condition: NOT (((('Report Alarm Status'anyBit'Stray Packets') AND ('Report Alarm'anyBit'Stray Packets'))		

Table 16-34 CircuitStpExceptionCondition

Alarm	Attributes	Supported releases
Name: CircuitStpExceptionCondition (648) Type: SdpBindingAlarm (30) Package: l2fwd Raised on class: l2fwd.CircuitStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an NE detects an STP exception condition on a SAP, for example, one-way communication or a downstream loop. The alarm clears when the STP status changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		

Table 16-35 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 16-36 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 16-37 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 16-38 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 16-39 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 16-40 CpmProtectionExceedEntry

Alarm	Attributes	Supported releases
Name: CpmProtectionExceedEntry (2925) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtExcdEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a packet stream has exceeded its per-source limit.		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		

Table 16-41 CpmProtectionViolationIfEntry

Alarm	Attributes	Supported releases
Name: CpmProtectionViolationIfEntry (2926) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolIfEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the interface is violated		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		

Table 16-42 CpmProtectionViolationPortEntry

Alarm	Attributes	Supported releases
Name: CpmProtectionViolationPortEntry (2927) Type: communications (87) Package: sitesecc Raised on class: sitesecc.CpmProtViolPortEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the port is violated		
Raising condition: (('Number of Per-port Violations' NOT EQUAL '0L') OR ('Number of Link-specific Violations' NOT EQUAL '0L'))		

Table 16-43 CpmProtectionViolationSAPEntry

Alarm	Attributes	Supported releases
Name: CpmProtectionViolationSAPEntry (2928) Type: communications (87) Package: sitesec Raised on class: sitesec.CpmProtViolSapEntry	Severity: warning Implicitly cleared: false Default probable cause: denialOfService (790)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the link-specific packet arrival rate limit at the SAP is violated		
Raising condition: ('Number of Rate Violations' NOT EQUAL '0L')		

Table 16-44 DDMAux1HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1HighAlarm (495) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1HighAlarm (381)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Alarm'))		

Table 16-45 DDMAux1HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux1HighWarning (494) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1HighWarning (380)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 High Warning'))		

Table 16-46 DDMAux1LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux1LowAlarm (493) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux1LowAlarm (379)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Alarm'))		

Table 16-47 DDMAux1LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux1LowWarning (492) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux1LowWarning (378)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 1 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux1 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux1 Low Warning'))		

Table 16-48 DDMAux2HighAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2HighAlarm (499) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2HighAlarm (385)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Alarm'))		

Table 16-49 DDMAux2HighWarning

Alarm	Attributes	Supported releases
Name: DDMAux2HighWarning (498) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2HighWarning (384)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 High Warning'))		

Table 16-50 DDMAux2LowAlarm

Alarm	Attributes	Supported releases
Name: DDMAux2LowAlarm (497) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: aux2LowAlarm (383)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Alarm'))		

Table 16-51 DDMAux2LowWarning

Alarm	Attributes	Supported releases
Name: DDMAux2LowWarning (496) Type: communicatiothresholdAlarmnsAlarm (50) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: aux2LowWarning (382)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the manufacturer-specific Auxiliary 2 of the XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Aux2 Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Aux2 Low Warning'))		

Table 16-52 DDMRxOpticalPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighAlarm (491) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerHighAlarm (377)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Alarm'))		

Table 16-53 DDMRxOpticalPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerHighWarning (490) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerHighWarning (376)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power High Warning'))		

Table 16-54 DDMRxOpticalPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowAlarm (489) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: rxOpticalPowerLowAlarm (375)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP reaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Alarm'))		

Table 16-55 DDMRxOpticalPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMRxOpticalPowerLowWarning (488) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: rxOpticalPowerLowWarning (374)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the received optical power of an SFP or XFP approaches the minimum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Rx Optical Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Rx Optical Power Low Warning'))		

Table 16-56 DDMSupplyVoltageHighAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighAlarm (479) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageHighAlarm (365)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Alarm'))		

Table 16-57 DDMSupplyVoltageHighWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageHighWarning (478) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageHighWarning (364)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage High Warning'))		

Table 16-58 DDMSupplyVoltageLowAlarm

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowAlarm (477) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: supplyVoltageLowAlarm (363)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Alarm'))		

Table 16-59 DDMSupplyVoltageLowWarning

Alarm	Attributes	Supported releases
Name: DDMSupplyVoltageLowWarning (476) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: supplyVoltageLowWarning (362)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the supply voltage of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Supply Voltage Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Supply Voltage Low Warning'))		

Table 16-60 DDMTemperatureHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighAlarm (475) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureHighAlarm (361)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Alarm'))		

Table 16-61 DDMTemperatureHighWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureHighWarning (474) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureHighWarning (360)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature High Warning'))		

Table 16-62 DDMTemperatureLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowAlarm (473) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: temperatureLowAlarm (359)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the temperature of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Alarm'))		

Table 16-63 DDMTemperatureLowWarning

Alarm	Attributes	Supported releases
Name: DDMTemperatureLowWarning (472) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: temperatureLowWarning (358)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the temperature of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Temperature Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Temperature Low Warning'))		

Table 16-64 DDMTxBiasCurrentHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighAlarm (483) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentHighAlarm (369)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Alarm'))		

Table 16-65 DDMTxBiasCurrentHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentHighWarning (482) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentHighWarning (368)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current High Warning'))		

Table 16-66 DDMTxBiasCurrentLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowAlarm (481) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txBiasCurrentLowAlarm (367)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Alarm'))		

Table 16-67 DDMTxBiasCurrentLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxBiasCurrentLowWarning (480) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txBiasCurrentLowWarning (366)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the transmit bias current of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Bias Current Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Bias Current Low Warning'))		

Table 16-68 DDMTxOutputPowerHighAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighAlarm (487) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerHighAlarm (373)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Alarm'))		

Table 16-69 DDMTxOutputPowerHighWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerHighWarning (486) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerHighWarning (372)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power High Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power High Warning'))		

Table 16-70 DDMTxOutputPowerLowAlarm

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowAlarm (485) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: major Implicitly cleared: true Default probable cause: txOutputPowerLowAlarm (371)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the output power of an SFP or XFP reaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power Low Alarm')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power Low Alarm'))		

Table 16-71 DDMTxOutputPowerLowWarning

Alarm	Attributes	Supported releases
Name: DDMTxOutputPowerLowWarning (484) Type: thresholdAlarm (49) Package: equipment Raised on class: equipment.DigitalDiagnosticMonitoring	Severity: warning Implicitly cleared: true Default probable cause: txOutputPowerLowWarning (370)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the output power of an SFP or XFP approaches the maximum threshold value.		
Raising condition: ('Thresholds Failed'anyBit'Tx Output Power Low Warning')		
Clearing condition: NOT (('Thresholds Failed'anyBit'Tx Output Power Low Warning'))		

Table 16-72 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 16-73 DS1E1AlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: DS1E1AlarmIndicationSignal (112) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		

Table 16-74 DS1E1Looped

Alarm	Attributes	Supported releases
Name: DS1E1Looped (126) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		

Table 16-75 DS1E1LossOfSignal

Alarm	Attributes	Supported releases
Name: DS1E1LossOfSignal (124) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

Table 16-76 DS1E1OutOfFrame

Alarm	Attributes	Supported releases
Name: DS1E1OutOfFrame (125) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		

Table 16-77 DS1E1ResourceAvailabilityIndicator

Alarm	Attributes	Supported releases
Name: DS1E1ResourceAvailabilityIndicator (114) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		

Table 16-78 DS1E1SignalDegradation

Alarm	Attributes	Supported releases
Name: DS1E1SignalDegradation (500) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalDegradation (386)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SD alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		

Table 16-79 DS1E1SignalFailure

Alarm	Attributes	Supported releases
Name: DS1E1SignalFailure (501) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalFailure (387)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 16-80 DS3E3AlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: DS3E3AlarmIndicationSignal (115) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		

Table 16-81 DS3E3Looped

Alarm	Attributes	Supported releases
Name: DS3E3Looped (120) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		

Table 16-82 DS3E3LossOfSignal

Alarm	Attributes	Supported releases
Name: DS3E3LossOfSignal (116) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

Table 16-83 DS3E3OutOfFrame

Alarm	Attributes	Supported releases
Name: DS3E3OutOfFrame (117) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		

Table 16-84 DS3E3ResourceAvailability

Alarm	Attributes	Supported releases
Name: DS3E3ResourceAvailability (119) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		

Table 16-85 EpcDown

Alarm	Attributes	Supported releases
Name: EpcDown (743) Type: EpcAlarm (59) Package: lte Raised on class: lte.EPCGateway	Severity: major Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an EPC instance is operationally down but administratively up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-86 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 16-87 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 16-88 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 16-89 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 16-90 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 16-91 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 16-92 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 16-93 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 16-94 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 16-95 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 16-96 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 16-97 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 16-98 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 16-99 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 16-100 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 16-101 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 16-102 ExternalTimingReferenceNotQualified

Alarm	Attributes	Supported releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified' NOT EQUAL 'Not Qualified'))		

Table 16-103 FailoverUnavailable

Alarm	Attributes	Supported releases
Name: FailoverUnavailable (1155) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: minor Implicitly cleared: true Default probable cause: failoverUnavailable (858)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the Local DHCP Server Failover has a state other than Normal.		
Raising condition: (('Operational State' NOT EQUAL 'Normal'))		
Clearing condition: (('Operational State' EQUAL 'Normal'))		

Table 16-104 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 16-105 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 16-106 ForwardingTableSizeLimitReached

Alarm	Attributes	Supported releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: l2fwd Raised on class: l2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by l2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by l2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		

Table 16-107 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 16-108 FrameSizeProblem (svt)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		

Table 16-109 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteegsn Raised on class: lteegsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 16-110 GRE TunnelDown

Alarm	Attributes	Supported releases
Name: GRE TunnelDown (3326) Type: serviceAlarm (16) Package: svt Raised on class: svt.GRETunnel	Severity: major Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> 3.0.0
Description: The alarm is raised when the GRE tunnel Operational State changes to Down and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-111 GroupDown

Alarm	Attributes	Supported releases
Name: GroupDown (69) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Group	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a RIP group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 16-112 GroupInterfaceDown

Alarm	Attributes	Supported releases
Name: GroupInterfaceDown (441) Type: GroupInterfaceAlarm (44) Package: service Raised on class: service.GroupInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the 5620 SAM detects that a group interface is operationally down. The alarm clears when the group interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 16-113 IGHMisconfigured

Alarm	Attributes	Supported releases
Name: IGHMisconfigured (827) Type: ighAlarm (74) Package: igh Raised on class: igh.InterfaceGroupHandler	Severity: major Implicitly cleared: true Default probable cause: IGHProtocolMismatch (590)	<ul style="list-style-type: none"> • 3.0.0
Description: The alarm is raised when the IGH is administratively up but none of the IGH protocols is operationally up.		
Raising condition: (('igh_misconfigured' EQUAL "\"yes\"") AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('igh_misconfigured' NOT EQUAL "\"yes\"") OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-114 IgmpDown

Alarm	Attributes	Supported releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-115 IncompleteConfig (multichassis)

Alarm	Attributes	Supported releases
Name: IncompleteConfig (294) Type: configurationAlarm (11) Package: multichassis Raised on classes: <ul style="list-style-type: none"> multichassis.MultiChassisSync multichassis.MultiChassisLagMember 	Severity: major Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('mcLagPointer' EQUAL '\')		
Clearing condition: ('mcLagPointer' NOT EQUAL '\')		

Table 16-116 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 16-117 IncorrectEndPointPeerConfig

Alarm	Attributes	Supported releases
Name: IncorrectEndPointPeerConfig (1068) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: major Implicitly cleared: true Default probable cause: incompleteEPPeerConfig (810)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a peer configuration cannot be found on the peer NE.		
Raising condition: ('MC EndPoint Group Pointer' EQUAL '\')		
Clearing condition: ('MC EndPoint Group Pointer' NOT EQUAL '\')		

Table 16-118 IncorrectNeighborConfig

Alarm	Attributes	Supported releases
Name: IncorrectNeighborConfig (609) Type: configurationAlarm (11) Package: aps Raised on class: aps.ApsGroup	Severity: major Implicitly cleared: true Default probable cause: incorrectNeighborConfig (452)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the peer does not exist or the neighbor address does not point to a network interface on the NE that contains the peer object.		
Raising condition: (('Type' EQUAL 'MultiChassis') AND ('Neighbor match' EQUAL 'false'))		
Clearing condition: (('Type' EQUAL 'SingleChassis') OR ('Neighbor match' EQUAL 'true'))		

Table 16-119 IncorrectPeerConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerConfig (779) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.Peer	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerConfig (554)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an MC peer does not exist, or when an MC peer exists but the peer address is not the address of a network interface on the peer.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		

Table 16-120 IncorrectPeerSynchronizationPortConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerSynchronizationPortConfig (780) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPort	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortConfig (555)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the peer port does not exist, or when the peer port exists but the synchronization tags of the peers do not match.		
Raising condition: ('peerMatchFound' EQUAL 'false')		
Clearing condition: ('peerMatchFound' EQUAL 'true')		

Table 16-121 IncorrectPeerSynchronizationPortEncapRangeConfig

Alarm	Attributes	Supported releases
Name: IncorrectPeerSynchronizationPortEncapRangeConfig (781) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.PeerSynchronizationPortEncapRange	Severity: major Implicitly cleared: true Default probable cause: IncorrectPeerSynchronizationPortEncapRangeConfig (556)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the VLAN ranges on the Multi-Chassis synchronization peers do not match.		
Raising condition: ('Neighbor Match' EQUAL 'false')		
Clearing condition: ('Neighbor Match' EQUAL 'true')		

Table 16-122 InstanceDown (srrp)

Alarm	Attributes	Supported releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects that an SRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' EQUAL 'Initialize'))		
Clearing condition: (('Operational State' NOT EQUAL 'Initialize') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-123 InstanceDown (vrrp)

Alarm	Attributes	Supported releases
Name: InstanceDown (284) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: true Default probable cause: instanceDown (216)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects that a VRRP instance is operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-124 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 16-125 InterfaceDown (service)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: service Raised on class: service.RedundantInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects that a redundant interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 16-126 InterfaceDown (vpls)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.L2ManagementInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an L2 management interface has an Operational State of Down, and the associated VPLS site has an Administrative State of Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 16-127 InterfaceDown (vprn)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: configurationAlarm (11) Package: vprn Raised on class: vprn.IPMirrorInterface	Severity: major Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects that an interface is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 16-128 InterfaceNeighborDown

Alarm	Attributes	Supported releases
Name: InterfaceNeighborDown (661) Type: NeighborDown (20) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> 3.0.0
Description: The alarm is raised when an interface neighbor is operationally down.		
Raising condition: (('Neighbor Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'true'))		
Clearing condition: (('Neighbor Count' NOT EQUAL '0L') OR ('Passive' EQUAL 'true'))		

Table 16-129 IPSecGatewayDown

Alarm	Attributes	Supported releases
Name: IPSecGatewayDown (830) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecGateway	Severity: major Implicitly cleared: true Default probable cause: gatewayDown (592)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the Operational State of a SAP IPsec gateway changes to Down and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-130 IPSecTunnelBfdConnectionBroken

Alarm	Attributes	Supported releases
Name: IPSecTunnelBfdConnectionBroken (831) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionBroken (593)	<ul style="list-style-type: none"> 3.0.0
Description: The alarm is raised when the BFD connection to a peer times out.		
Raising condition: ('operState' EQUAL 'Timed Out')		
Clearing condition: ('operState' NOT EQUAL 'Timed Out')		

Table 16-131 IPSecTunnelBfdConnectionDown

Alarm	Attributes	Supported releases
Name: IPSecTunnelBfdConnectionDown (832) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionDown (346)	<ul style="list-style-type: none"> 3.0.0
Description: The alarm is raised when the Operational State of a BFD session is Not Connected.		
Raising condition: ('operState' NOT EQUAL 'Operational')		
Clearing condition: ('operState' EQUAL 'Operational')		

Table 16-132 IPSecTunnelBfdConnectionPeerDetectsDown

Alarm	Attributes	Supported releases
Name: IPSecTunnelBfdConnectionPeerDetectsDown (833) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnelBfd	Severity: minor Implicitly cleared: true Default probable cause: bfdSessionConnectionPeerDetectsDown (594)	<ul style="list-style-type: none"> 3.0.0
Description: The alarm is raised when a BFD peer detects a connection timeout.		
Raising condition: ('operState' EQUAL 'Down')		
Clearing condition: ('operState' NOT EQUAL 'Down')		

Table 16-133 IPSecTunnelDown

Alarm	Attributes	Supported releases
Name: IPSecTunnelDown (834) Type: serviceAlarm (16) Package: ipsec Raised on class: ipsec.IPSecTunnel	Severity: major Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the IPsec tunnel Operational State changes to Down and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-134 IsaAaGrpDown

Alarm	Attributes	Supported releases
Name: IsaAaGrpDown (647) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: major Implicitly cleared: true Default probable cause: IsaAaGrpDown (482)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an ISA-AA group Operational State is Down, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-135 IsaAaSubUnassigned

Alarm	Attributes	Supported releases
Name: IsaAaSubUnassigned (836) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: true Default probable cause: IsaAaSubUnassigned (596)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a subscriber cannot be assigned to an ISA-AA MDA in an AA group because of insufficient service queues, a high AA subscriber count, or a high AA subscriber statistics collection rate. The unassigned subscriber is treated as specified by the Operation Upon Failure parameter in the AA group. Recovery from this condition requires the removal and recreation of the AA subscriber when sufficient resources are available.		
Raising condition: (('Number of Unassigned ESM Subscribers' NOT EQUAL '0L') OR ('Number of Unassigned SAP Subscribers' NOT EQUAL '0L') OR ('Number of Unassigned Spoke SDP Subscribers' NOT EQUAL '0L'))		
Clearing condition: (('Number of Unassigned ESM Subscribers' EQUAL '0L') AND ('Number of Unassigned SAP Subscribers' EQUAL '0L') AND ('Number of Unassigned Spoke SDP Subscribers' EQUAL '0L'))		

Table 16-136 IsaLnsGrpDown

Alarm	Attributes	Supported releases
Name: IsaLnsGrpDown (1119) Type: equipmentAlarm (3) Package: isa Raised on class: isa.LnsGroup	Severity: major Implicitly cleared: true Default probable cause: IsaLnsGrpDown (831)	<ul style="list-style-type: none"> 3.0.0
Description: The alarm is raised when the Operational State of an ISA-LNS group is Down and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-137 IsaVideoGrpDown

Alarm	Attributes	Supported releases
Name: IsaVideoGrpDown (775) Type: equipmentAlarm (3) Package: isa Raised on class: isa.VideoGroup	Severity: major Implicitly cleared: true Default probable cause: IsaVideoGrpDown (550)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the Operational State of an ISA video group is Down and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-138 IsisAdjacencyDown

Alarm	Attributes	Supported releases
Name: IsisAdjacencyDown (153) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: IsisInterfaceDown (232)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an IS-IS interface has no adjacencies, for example, because the IS-IS protocol on the remote site is down.		
Raising condition: (('Adjacency Count' EQUAL '0L') AND ('interfaceClass' NOT EQUAL 'System') AND ('Passive' NOT EQUAL 'True'))		
Clearing condition: (('Adjacency Count' > '0L') OR ('Passive' EQUAL 'True'))		

Table 16-139 IsisDown

Alarm	Attributes	Supported releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-140 IsisInterfaceDown

Alarm	Attributes	Supported releases
Name: IsisInterfaceDown (301) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Interface	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an IS-IS interface has an Operational State other than Up.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 16-141 KeepAliveProblem

Alarm	Attributes	Supported releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		

Table 16-142 L2TPDown

Alarm	Attributes	Supported releases
Name: L2TPDown (841) Type: ProtocolAlarm (1) Package: l2tp Raised on class: l2tp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an L2TP site becomes administratively down. The alarm clears when the L2TP site becomes administratively up.		
Raising condition: ('Administrative State' EQUAL 'Down')		
Clearing condition: ('Administrative State' EQUAL 'Up')		

Table 16-143 LabelProblem

Alarm	Attributes	Supported releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		

Table 16-144 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-145 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 16-146 LdpDown

Alarm	Attributes	Supported releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-147 LdpSessionNonexistent

Alarm	Attributes	Supported releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an LDP session is nonexistent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		

Table 16-148 LdpTargetedPeerDown

Alarm	Attributes	Supported releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 16-149 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 16-150 LineAlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: LineAlarmIndicationSignal (84) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineAlarmIndicationSignal (70)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a SONET port reports an LAIS error. The alarm corresponds to the lais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		

Table 16-151 LineErrorCondition

Alarm	Attributes	Supported releases
Name: LineErrorCondition (94) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineErrorCondition (80)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a SONET port reports a line error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		

Table 16-152 LineRemoteDefectIndication

Alarm	Attributes	Supported releases
Name: LineRemoteDefectIndication (85) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineRemoteDefectIndication (71)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a SONET port reports a line remote defect indication error caused by an LOF, LOC, or LOS condition. The alarm corresponds to the lrdi alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		

Table 16-153 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 16-154 LocalRncvOperDown

Alarm	Attributes	Supported releases
Name: LocalRncvOperDown (521) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: localRncvDisconnected (396)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the local RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Local Operational State' NOT EQUAL 'Connected') AND ('Local Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Local Operational State' EQUAL 'Connected') OR ('Local Operational State' EQUAL 'Not Tested'))		

Table 16-155 LossOfClock (sonetequipment)

Alarm	Attributes	Supported releases
Name: LossOfClock (83) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfClock (69)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a SONET port reports an LOC condition, which causes the NE to set the port Operational State to Down.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		

Table 16-156 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 16-157 LspDown

Alarm	Attributes	Supported releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 16-158 LspPathBypassTunnelActive

Alarm	Attributes	Supported releases
Name: LspPathBypassTunnelActive (264) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: warning Implicitly cleared: true Default probable cause: LspPathReroutedToBypassTunnel (197)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an LSP primary path is rerouted to the bypass tunnel. The alarm clears when the primary path returns to the original tunnel and the actual hop returns to the primary path.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		

Table 16-159 LspPathDown

Alarm	Attributes	Supported releases
Name: LspPathDown (26) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: lspPathDown (20)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an LSP path is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up') AND ('Type' EQUAL 'Standby'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up') OR ('Type' EQUAL 'Secondary'))		

Table 16-160 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 16-161 macMoveRateExceeded (svt)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		

Table 16-162 MCLagDown (lag)

Alarm	Attributes	Supported releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: lag Raised on class: lag.MultiChassisLagSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mclagDown (295)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 16-163 MCLagDown (multichassis)

Alarm	Attributes	Supported releases
Name: MCLagDown (394) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisLagPeerSpecifics	Severity: critical Implicitly cleared: true Default probable cause: mclagDown (295)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when all ports in an MC LAG are operationally Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-164 MCPeerEPDown

Alarm	Attributes	Supported releases
Name: MCPeerEPDown (1069) Type: equipmentAlarm (3) Package: multichassis Raised on class: multichassis.MultiChassisEndpoint	Severity: critical Implicitly cleared: true Default probable cause: MCPeerEPDown (811)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an MC endpoint is operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-165 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 16-166 MgGroupDown

Alarm	Attributes	Supported releases
Name: MgGroupDown (837) Type: MgGroupAlarm (75) Package: isa Raised on class: isa.MgIsaGroup	Severity: major Implicitly cleared: true Default probable cause: MgGroupDown (597)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an MG group goes down.		
Raising condition: ('Group Operational State' EQUAL 'Down')		
Clearing condition: ('Group Operational State' NOT EQUAL 'Down')		

Table 16-167 MigrationCompleted

Alarm	Attributes	Supported releases
Name: MigrationCompleted (753) Type: migrationComplete (62) Package: equipment Raised on class: equipment.NeCardSwapTask	Severity: info Implicitly cleared: false Default probable cause: migrationComplete (529)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a card migration event completes.		
Raising condition: ('Status' EQUAL 'Migration completed')		

Table 16-168 MigrationFailed

Alarm	Attributes	Supported releases
Name: MigrationFailed (754) Type: migrationFailure (63) Package: equipment Raised on class: equipment.NeCardSwapTask	Severity: major Implicitly cleared: false Default probable cause: migrationFailure (530)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a card migration event fails.		
Raising condition: (('Status' EQUAL 'Failed - Latest configuration not available') OR ('Status' EQUAL 'Failed - Unable to migrate configuration') OR ('Status' EQUAL 'Failed - Unable to transfer migrated configuration') OR ('Status' EQUAL 'Failed - Unable to reboot network element'))		

Table 16-169 MissingLocalEntry

Alarm	Attributes	Supported releases
Name: MissingLocalEntry (291) Type: configurationAlarm (11) Package: l2fwd Raised on class: l2fwd.ServiceMacProtection	Severity: minor Implicitly cleared: true Default probable cause: Protected_Mac_Address_Not_Global (222)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a protected MAC address is not configured on all sites of a VPLS. This can occur if the protected MAC address is added or removed using a CLI.		
Raising condition: ('isEntryGlobal' EQUAL 'false')		
Clearing condition: ('isEntryGlobal' EQUAL 'true')		

Table 16-170 MldDown

Alarm	Attributes	Supported releases
Name: MldDown (587) Type: ProtocolAlarm (1) Package: mld Raised on class: mld.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an MLD site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-171 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 16-172 MobileSiteDown

Alarm	Attributes	Supported releases
Name: MobileSiteDown (1065) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceSite	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS gateway instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('Evolved Packet System Instance' EQUAL '\'\')		
Clearing condition: ('Evolved Packet System Instance' NOT EQUAL '\'\')		

Table 16-173 MplsDown

Alarm	Attributes	Supported releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-174 MplsPathUpdateFailed

Alarm	Attributes	Supported releases
Name: MplsPathUpdateFailed (1066) Type: pathAlarm (12) Package: mpls Raised on class: mpls.LspPath	Severity: major Implicitly cleared: true Default probable cause: mbbRetryExceeded (804) Applicable probable causes: <ul style="list-style-type: none"> mbbRetryExceeded lspPathGoingDown startingHighPriMbb restartingMbb highPriMbbInProg 	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an MPLS path update fails because of an MBB problem. The alarm clears when the MBB status changes to Successful.		
Raising condition: (('mbbStatus' NOT EQUAL 'None') AND ('mbbStatus' NOT EQUAL 'Successful'))		
Clearing condition: ('Last Performed State' EQUAL 'Success')		

Table 16-175 MrpAttrTblSizeLimitReached

Alarm	Attributes	Supported releases
Name: MrpAttrTblSizeLimitReached (574) Type: resourceAlarm (28) Package: l2fwd Raised on class: l2fwd.SiteMrp	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the number of MRP attribute table entries for a service site exceeds the high watermark specified by l2fwd.SiteMrp.mrpAttrTblHighWatermark. The alarm clears when the number of MRP attribute table entries for the site drops below the low watermark specified by l2fwd.SiteMrp.mrpAttrTblLowWatermark.		
Raising condition: (('MRP Attribute Count' >= 'MRP Max Attributes') OR ('MRP Attribute Count' >= (('MRP Attribute-Table-High-Watermark' * 'MRP Max Attributes') / 100.0)))		
Clearing condition: (('MRP Attribute Count' < 'MRP Max Attributes') AND (('MRP Attribute-Table-High-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))) AND (('MRP Attribute-Table-Low-Watermark' EQUAL '0') OR ('MRP Attribute Count' < (('MRP Attribute-Table-Low-Watermark' * 'MRP Max Attributes') / 100.0))))		

Table 16-176 MsdpDown

Alarm	Attributes	Supported releases
Name: MsdpDown (353) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an MSDP site is administratively down. The alarm clears when the site is administratively up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		

Table 16-177 MultiChassisRingDown

Alarm	Attributes	Supported releases
Name: MultiChassisRingDown (520) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: ringDown (395)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a MC ring group Operational State is not in the Connected state. The alarm is cleared when the ring group enters the Connected state.		
Raising condition: ('Operational State' NOT EQUAL 'Connected')		
Clearing condition: ('Operational State' EQUAL 'Connected')		

Table 16-178 MvrConfiguredFromVplsNotExist

Alarm	Attributes	Supported releases
Name: MvrConfiguredFromVplsNotExist (219) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredFromVplsNotExist (164)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an MVR source is an MVR VPLS that does not exist. The alarm clears when the MVR VPLS is created.		
Raising condition: ('fromVplsExists' EQUAL 'false')		
Clearing condition: (('fromVplsExists' EQUAL 'true') OR ('fromVplsId' EQUAL '0L'))		

Table 16-179 MvrConfiguredProxySapNotExist

Alarm	Attributes	Supported releases
Name: MvrConfiguredProxySapNotExist (220) Type: configurationAlarm (11) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.L2AccessInterfaceMldMvrCfg vpls.L2AccessInterfaceMvrCfg 	Severity: warning Implicitly cleared: true Default probable cause: MvrConfiguredProxySapNotExist (165)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a configured MVR proxy SAP does not exist. The alarm clears when the proxy SAP is created.		
Raising condition: ('proxySapExists' EQUAL 'false')		
Clearing condition: ('proxySapExists' EQUAL 'true')		

Table 16-180 NeighborDown

Alarm	Attributes	Supported releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		

Table 16-181 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		

Table 16-182 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 16-183 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 16-184 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 16-185 NoPeerMcRingFound

Alarm	Attributes	Supported releases
Name: NoPeerMcRingFound (782) Type: configurationAlarm (11) Package: multichassis Raised on class: multichassis.MultiChassisRing	Severity: major Implicitly cleared: true Default probable cause: IncompleteConfig (557)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the 5620 SAM cannot find the peer MC ring.		
Raising condition: ('Peer Multi-Chassis Ring' EQUAL '\')		
Clearing condition: ('Peer Multi-Chassis Ring' NOT EQUAL '\')		

Table 16-186 OspflInterfaceDown

Alarm	Attributes	Supported releases
Name: OspflInterfaceDown (141) Type: OspflInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspflInterfaceDown (112)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		

Table 16-187 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 16-188 PeerConnectionDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a BGP peer has a Connection State other than Established, and the Administrative State of the BGP peer is Up.		
Raising condition: (('Connection State' NOT EQUAL 'Established') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('Connection State' EQUAL 'Established') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-189 PeerConnectionDown (msdp)

Alarm	Attributes	Supported releases
Name: PeerConnectionDown (2) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: connectionDown (2)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the connectionState of this peer changes from Established to a state other than Established. The alarm clears when the connectionState of this peer returns to the Established state.		
Raising condition: (('connectionState' NOT EQUAL 'Established') AND ('administrativeState' EQUAL 'Up'))		
Clearing condition: (('connectionState' EQUAL 'Established') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 16-190 PeerDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a BGP peer has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-191 PeerDown (msdp)

Alarm	Attributes	Supported releases
Name: PeerDown (1) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.CommonPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the Administrative State of a peer changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('administrativeState' EQUAL 'Down'))		
Clearing condition: (('administrativeState' NOT EQUAL 'Down'))		

Table 16-192 PeerGroupDown (bgp)

Alarm	Attributes	Supported releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a BGP peer group has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-193 PeerGroupDown (msdp)

Alarm	Attributes	Supported releases
Name: PeerGroupDown (5) Type: ProtocolAlarm (1) Package: msdp Raised on class: msdp.PeerGroup	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the Administrative State of a peer group changes from Up to Down. The alarm clears when the Administrative State returns to Up.		
Raising condition: (('Administrative State' EQUAL 'Down'))		
Clearing condition: (('Administrative State' NOT EQUAL 'Down'))		

Table 16-194 PeerLacIngressEgressFault

Alarm	Attributes	Supported releases
Name: PeerLacIngressEgressFault (2929) Type: PeerLacAlarm (98) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: peerPWStatusBitsChanged (1123)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the Peer Status is Peer LAC Rx Fault and Peer LAC Tx Fault		
Raising condition: (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		
Clearing condition: NOT (('Peer State Cause'anyBit'Peer LAC Tx Fault') AND ('Peer State Cause'anyBit'Peer LAC Rx Fault'))		

Table 16-195 PeerUnreachable

Alarm	Attributes	Supported releases
Name: PeerUnreachable (842) Type: ProtocolAlarm (1) Package: l2tp Raised on class: l2tp.Peer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an L2TP peer becomes unreachable.		
Raising condition: ('Status' EQUAL 'Unreachable')		
Clearing condition: ('Status' EQUAL 'Reachable')		

Table 16-196 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 16-197 PimDown

Alarm	Attributes	Supported releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: This alarm is raised when a PIM site is administratively Up but operationally Down. The alarm clears when the site becomes operationally Up or administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-198 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 16-199 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 16-200 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 16-201 PppLoopbackDetected

Alarm	Attributes	Supported releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		

Table 16-202 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 16-203 PrimaryPathLimitReached

Alarm	Attributes	Supported releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit')))		
Clearing condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit')))		

Table 16-204 PTPNotQualified

Alarm	Attributes	Supported releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 16-205 PTPReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 16-206 PTPReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 16-207 PTPReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 16-208 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 16-209 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 16-210 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 16-211 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 16-212 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 16-213 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 16-214 RemoteRncvOperDown

Alarm	Attributes	Supported releases
Name: RemoteRncvOperDown (522) Type: redundancyAlarm (52) Package: multichassis Raised on class: multichassis.MultiChassisRingNode	Severity: major Implicitly cleared: true Default probable cause: remoteRncvDisconnected (397)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the remote RNCV Operational State of a ring node is other than Connected or NotTested, which means that the ring node is not connected to the local MC ring group. The alarm clears when the ring node enters the Connected or NotTested state.		
Raising condition: (('Remote Operational State' NOT EQUAL 'Connected') AND ('Remote Operational State' NOT EQUAL 'Not Tested'))		
Clearing condition: (('Remote Operational State' EQUAL 'Connected') OR ('Remote Operational State' EQUAL 'Not Tested'))		

Table 16-215 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-216 RouteDistinguisherNotConfigured

Alarm	Attributes	Supported releases
Name: RouteDistinguisherNotConfigured (142) Type: configurationAlarm (11) Package: l3fwd Raised on class: l3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: routeDistinguisherNotConfigured (113)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when no RD is configured for an L3 service site.		
Raising condition: ('routeDistinguisher' EQUAL "\"00 00 00 00 00 00 00 00\"")		
Clearing condition: ('routeDistinguisher' NOT EQUAL "\"00 00 00 00 00 00 00 00\"")		

Table 16-217 RsvpDown

Alarm	Attributes	Supported releases
Name: RsvpDown (74) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an RSVP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 16-218 RxSectionSynchronizationError

Alarm	Attributes	Supported releases
Name: RxSectionSynchronizationError (93) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: rxSectionSynchronizationError (79)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		

Table 16-219 S2LPathBypassTunnelActive

Alarm	Attributes	Supported releases
Name: S2LPathBypassTunnelActive (777) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: warning Implicitly cleared: true Default probable cause: S2LPathReroutedToBypassTunnel (552)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the bypass tunnel in an S2L path becomes active. The alarm clears when the bypass tunnel is no longer active, for example, because a primary tunnel failure is resolved or a new path is established.		
Raising condition: ('Bypass Tunnel Active' EQUAL 'true')		
Clearing condition: ('Bypass Tunnel Active' EQUAL 'false')		

Table 16-220 S2LPathDown

Alarm	Attributes	Supported releases
Name: S2LPathDown (778) Type: pathAlarm (12) Package: mpls Raised on class: mpls.S2LPath	Severity: major Implicitly cleared: true Default probable cause: S2LPathDown (553)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the S2L path Administrative State is Up and the Operational State is not Up. The alarm clears when the S2L path Operational State changes to Up or the Administrative State changes to Down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 16-221 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 16-222 SdpBindingDown

Alarm	Attributes	Supported releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an SDP binding has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		

Table 16-223 SdpBindingTunnelDown

Alarm	Attributes	Supported releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		

Table 16-224 SdpEgressIfaceNetDomainInConsistent

Alarm	Attributes	Supported releases
Name: SdpEgressIfaceNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfaceNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the sdp egress interfaces consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		

Table 16-225 SecondaryPathLimitReached

Alarm	Attributes	Supported releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit'))"		
Clearing condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit'))		

Table 16-226 SectionB1Error

Alarm	Attributes	Supported releases
Name: SectionB1Error (87) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionB1Error (73)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a SONET port reports a section error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		

Table 16-227 SectionLossOfFrame

Alarm	Attributes	Supported releases
Name: SectionLossOfFrame (90) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfFrame (76)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a SONET port reports a SLOF error. The alarm corresponds to the slof alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		

Table 16-228 SectionLossOfSignal

Alarm	Attributes	Supported releases
Name: SectionLossOfSignal (91) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfSignal (77)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a SONET port reports a SLOS error. The alarm corresponds to the slos alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		

Table 16-229 SectionS1Failure

Alarm	Attributes	Supported releases
Name: SectionS1Failure (86) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionS1Failure (72)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		

Table 16-230 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 16-231 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 16-232 ShamLinkDown

Alarm	Attributes	Supported releases
Name: ShamLinkDown (665) Type: ShamLinkAlarm (57) Package: ospf Raised on class: ospf.ShamLink	Severity: critical Implicitly cleared: true Default probable cause: ShamLinkDown (492)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a sham link is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 16-233 SingleSFMOverloadDetected

Alarm	Attributes	Supported releases
Name: SingleSFMOverloadDetected (843) Type: ProtocolAlarm (1) Package: l3fwd Raised on class: l3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: singleSfmOverloadDetected (601)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a device reports a single-SFM overload. The alarm clears when the VR exits the Overload state.		
Raising condition: ('Overload State' EQUAL 'Overload')		
Clearing condition: ('Overload State' EQUAL 'Normal')		

Table 16-234 SonetPathAlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: SonetPathAlarmIndicationSignal (129) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathAlarmIndicationSignal (63)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a SONET port reports a PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Alarm Indication Signal') AND ('Report Alarms'anyBit'Path Alarm Indication Signal'))))		

Table 16-235 SonetPathB3Error

Alarm	Attributes	Supported releases
Name: SonetPathB3Error (132) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathB3Error (66)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a SONET port reports a path error condition because of b3 errors. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path B3 error') AND ('Report Alarms'anyBit'Path B3 error'))))		

Table 16-236 SonetPathLossOfCodegroupDelineationError

Alarm	Attributes	Supported releases
Name: SonetPathLossOfCodegroupDelineationError (248) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfCodegroupDelineationError (185)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a SONET port reports a PLCD error. The alarm corresponds to the plcd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Loss of Codegroup Delineation Error') AND ('Report Alarms'anyBit'Path Loss of Codegroup Delineation Error'))))		

Table 16-237 SonetPathLossOfPointer

Alarm	Attributes	Supported releases
Name: SonetPathLossOfPointer (130) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathLossOfPointer (64)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a SONET port reports a PLOP error. The alarm corresponds to the plop alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Loss of Pointer') AND ('Report Alarms'anyBit'Path Loss of Pointer'))		

Table 16-238 SonetPathPayloadMismatch

Alarm	Attributes	Supported releases
Name: SonetPathPayloadMismatch (133) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathPayloadMismatch (67)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a SONET port reports a PPLM error on a channel, after which the channel is set operationally down. The alarm corresponds to the pplm alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Payload Mismatch') AND ('Report Alarms'anyBit'Path Payload Mismatch'))		

Table 16-239 SonetPathRemoteB3Error

Alarm	Attributes	Supported releases
Name: SonetPathRemoteB3Error (134) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteB3Error (68)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a SONET port reports a path error condition that a remote NE raises because of b3 errors received from the local NE. The alarm corresponds to the prei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Remote B3 Error') AND ('Report Alarms'anyBit'Path Remote B3 Error'))		

Table 16-240 SonetPathRemoteDefectIndication

Alarm	Attributes	Supported releases
Name: SonetPathRemoteDefectIndication (131) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathRemoteDefectIndication (65)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a SONET port reports a remote PAIS error. The alarm corresponds to the pais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Remote Defect Indication') AND ('Report Alarms'anyBit'Path Remote Defect Indication'))		

Table 16-241 SonetPathUnequippedPathError

Alarm	Attributes	Supported releases
Name: SonetPathUnequippedPathError (143) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetChannelMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: pathUnequippedPathError (114)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a SONET port reports a path unequipped error. The alarm corresponds to the puneq alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Path Alarm Unequipped Path Error') AND ('Report Alarms'anyBit'Path Alarm Unequipped Path Error'))		

Table 16-242 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 16-243 StpExceptionCondition

Alarm	Attributes	Supported releases
Name: StpExceptionCondition (297) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: major Implicitly cleared: true Default probable cause: StpException (228)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a SAP detects an STP exception condition, for example, one-way communication or a downstream loop. The alarm clears when the STP condition changes.		
Raising condition: (('STP Exception Condition' NOT EQUAL 'None') AND ('Administrative State' EQUAL 'Up'))		
Clearing condition: (('STP Exception Condition' EQUAL 'None') OR ('Administrative State' EQUAL 'Down'))		

Table 16-244 StpRootGuardViolation

Alarm	Attributes	Supported releases
Name: StpRootGuardViolation (503) Type: AccessInterfaceAlarm (32) Package: l2fwd Raised on class: l2fwd.AccessInterfaceStp	Severity: warning Implicitly cleared: true Default probable cause: spanningTreeTopologyChanged (331)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a SAP detects an STP root guard violation.		
Raising condition: ('Root Guard Violation' EQUAL 'true')		
Clearing condition: ('Root Guard Violation' NOT EQUAL 'true')		

Table 16-245 SubscriberInterfaceDown

Alarm	Attributes	Supported releases
Name: SubscriberInterfaceDown (440) Type: SubscriberInterfaceAlarm (43) Package: service Raised on class: service.SubscriberInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a subscriber interface is operationally down. The alarm clears when the subscriber interface is operationally up.		
Raising condition: ('operationalState' NOT EQUAL 'Up')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 16-246 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 16-247 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 16-248 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 16-249 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 16-250 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 16-251 TunnelAdministrativelyDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects that an MPLS path is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 16-252 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 16-253 TunnelDown (mpls)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an MPLS path has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 16-254 TunnelDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 16-255 TxSectionSynchronizationError

Alarm	Attributes	Supported releases
Name: TxSectionSynchronizationError (92) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: txSectionSynchronizationError (78)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when a SONET port reports an SS1F error. The alarm corresponds to the ss1f alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		

Table 16-256 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 16-257 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> 2.0.0 3.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 16-258 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 16-259 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 16-260 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 16-261 VideoInterfaceDown

Alarm	Attributes	Supported releases
Name: VideoInterfaceDown (794) Type: VideoInterfaceAlarm (72) Package: service Raised on class: service.VideoInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a video interface is operationally down. The alarm clears when the video interface is operationally up.		
Raising condition: ('Operational State' NOT EQUAL 'Up')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 16-262 VirtualLinkDown

Alarm	Attributes	Supported releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 16-263 VirtualNeighborDown

Alarm	Attributes	Supported releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none"> • ospf.ShamLink • ospf.VirtualLink 	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		

Table 16-264 WaveTrackerEncoderDegrade

Alarm	Attributes	Supported releases
Name: WaveTrackerEncoderDegrade (821) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: EncoderDegrade (584)	<ul style="list-style-type: none"> 3.0.0
Description: The alarm is raised when a device reports an encoder degradation on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Encoder Degrade') AND ('Reported Alarms'anyBit'Encoder Degrade'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Encoder Degrade') AND ('Reported Alarms'anyBit'Encoder Degrade'))		

Table 16-265 WaveTrackerEncoderFailure

Alarm	Attributes	Supported releases
Name: WaveTrackerEncoderFailure (822) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: EncoderFailure (585)	<ul style="list-style-type: none"> 3.0.0
Description: The alarm is raised when a device reports an encoder failure on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Encoder Failure') AND ('Reported Alarms'anyBit'Encoder Failure'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Encoder Failure') AND ('Reported Alarms'anyBit'Encoder Failure'))		

Table 16-266 WaveTrackerPowerControlDegrade

Alarm	Attributes	Supported releases
Name: WaveTrackerPowerControlDegrade (823) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControlDegrade (586)	<ul style="list-style-type: none"> 3.0.0
Description: The alarm is raised when a device reports a power control degradation on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Degrade') AND ('Reported Alarms'anyBit'Power Control Degrade'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Power Control Degrade') AND ('Reported Alarms'anyBit'Power Control Degrade'))		

Table 16-267 WaveTrackerPowerControlFailure

Alarm	Attributes	Supported releases
Name: WaveTrackerPowerControlFailure (824) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WaveLengthTracker	Severity: critical Implicitly cleared: true Default probable cause: PowerControlFailure (587)	<ul style="list-style-type: none"> 3.0.0
Description: The alarm is raised when a device reports a power control failure on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Failure') AND ('Reported Alarms'anyBit'Power Control Failure'))		
Clearing condition: NOT (('Configured Alarms'anyBit'Power Control Failure') AND ('Reported Alarms'anyBit'Power Control Failure'))		

Table 16-268 WaveTrackerPowerControlHighlimit

Alarm	Attributes	Supported releases
Name: WaveTrackerPowerControlHighlimit (825) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControlHighlimit (588)	<ul style="list-style-type: none"> 3.0.0
Description: The alarm is raised when a device reports a power control high limit on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control High limit reached') AND ('Reported Alarms'anyBit'Power Control High limit reached'))		
Clearing condition: NOT (((('Configured Alarms'anyBit'Power Control High limit reached') AND ('Reported Alarms'anyBit'Power Control High limit reached'))		

Table 16-269 WaveTrackerPowerControlLowlimit

Alarm	Attributes	Supported releases
Name: WaveTrackerPowerControlLowlimit (826) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: PowerControlLowlimit (589)	<ul style="list-style-type: none"> 3.0.0
Description: The alarm is raised when a device reports a power control low limit on a wavelength tracker interface.		
Raising condition: (('Configured Alarms'anyBit'Power Control Low limit reached') AND ('Reported Alarms'anyBit'Power Control Low limit reached'))		
Clearing condition: NOT (((('Configured Alarms'anyBit'Power Control Low limit reached') AND ('Reported Alarms'anyBit'Power Control Low limit reached'))		

Table 16-270 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		

Table 16-271 XplError

Alarm	Attributes	Supported releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none"> • 2.0.0 • 3.0.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		

17 – Alcatel-Lucent 9471 MME alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter [32](#) for information about the alarm.

Table 17-1 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none">• 3.0.0• 4.0.0• 4.0.2
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 17-2 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 17-3 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 17-4 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 17-5 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 17-6 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 17-7 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 17-8 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 17-9 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 17-10 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 17-11 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 17-12 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 17-13 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 17-14 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 17-15 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 17-16 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 17-17 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 17-18 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 17-19 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 17-20 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 17-21 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 17-22 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 17-23 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteegsn Raised on class: lteegsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 17-24 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 17-25 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 17-26 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 17-27 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 17-28 MmeATCA_AggregatePowerSensor

Alarm	Attributes	Supported releases
Name: MmeATCA_AggregatePowerSensor (850) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is ATCA_AggregatePowerSensor as raised by the MME system		

Table 17-29 MmeATCA_AggregateTemperatureSensor

Alarm	Attributes	Supported releases
Name: MmeATCA_AggregateTemperatureSensor (851) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is ATCA_AggregateTemperatureSensor as raised by the MME system		

Table 17-30 MmeATCA_BoardPower

Alarm	Attributes	Supported releases
Name: MmeATCA_BoardPower (852) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_BoardPower as raised by the MME system		

Table 17-31 MmeATCA_CPLDState

Alarm	Attributes	Supported releases
Name: MmeATCA_CPLDState (853) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_CPLDState as raised by the MME system		

Table 17-32 MmeATCA_DS75Temperature

Alarm	Attributes	Supported releases
Name: MmeATCA_DS75Temperature (854) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_DS75Temperature as raised by the MME system		

Table 17-33 MmeATCA_ExhaustTemp

Alarm	Attributes	Supported releases
Name: MmeATCA_ExhaustTemp (855) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_ExhaustTemp as raised by the MME system		

Table 17-34 MmeATCA_FanSpeed

Alarm	Attributes	Supported releases
Name: MmeATCA_FanSpeed (856) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_FanSpeed as raised by the MME system		

Table 17-35 MmeATCA_FanTrayPresence

Alarm	Attributes	Supported releases
Name: MmeATCA_FanTrayPresence (857) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_FanTrayPresence as raised by the MME system		

Table 17-36 MmeATCA_FanTraysFRU

Alarm	Attributes	Supported releases
Name: MmeATCA_FanTraysFRU (858) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_FanTraysFRU as raised by the MME system		

Table 17-37 MmeATCA_FilterPresence

Alarm	Attributes	Supported releases
Name: MmeATCA_FilterPresence (859) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_FilterPresence as raised by the MME system		

Table 17-38 MmeATCA_FPGATemp

Alarm	Attributes	Supported releases
Name: MmeATCA_FPGATemp (2840) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_FPGATemp as raised by the MME system		

Table 17-39 MmeATCA_I2CLocalBus

Alarm	Attributes	Supported releases
Name: MmeATCA_I2CLocalBus (860) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_I2CLocalBus as raised by the MME system		

Table 17-40 MmeATCA_InletTemp

Alarm	Attributes	Supported releases
Name: MmeATCA_InletTemp (862) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_InletTemp as raised by the MME system		

Table 17-41 MmeATCA_IPMBLink

Alarm	Attributes	Supported releases
Name: MmeATCA_IPMBLink (861) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_IPMBLink as raised by the MME system		

Table 17-42 MmeATCA_LM75Temperature

Alarm	Attributes	Supported releases
Name: MmeATCA_LM75Temperature (863) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_LM75Temperature as raised by the MME system		

Table 17-43 MmeATCA_LM83Temperature

Alarm	Attributes	Supported releases
Name: MmeATCA_LM83Temperature (864) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_LM83Temperature as raised by the MME system		

Table 17-44 MmeATCA_LMeUC75Temperature

Alarm	Attributes	Supported releases
Name: MmeATCA_LMeUC75Temperature (866) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_LMeUC75Temperature as raised by the MME system		

Table 17-45 MmeATCA_LMUC75TopRig

Alarm	Attributes	Supported releases
Name: MmeATCA_LMUC75TopRig (865) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_LMUC75Top-Rig as raised by the MME system		

Table 17-46 MmeATCA_LocalTemperature

Alarm	Attributes	Supported releases
Name: MmeATCA_LocalTemperature (867) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_LocalTemperature as raised by the MME system		

Table 17-47 MmeATCA_m48vSensor

Alarm	Attributes	Supported releases
Name: MmeATCA_m48vSensor (871) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_m48vSensor as raised by the MME system		

Table 17-48 MmeATCA_MMCTemp

Alarm	Attributes	Supported releases
Name: MmeATCA_MMCTemp (2841) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_MMCTemp as raised by the MME system		

Table 17-49 MmeATCA_OcteonTemperature

Alarm	Attributes	Supported releases
Name: MmeATCA_OcteonTemperature (868) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_OcteonTemperature as raised by the MME system		

Table 17-50 MmeATCA_OutletTemp

Alarm	Attributes	Supported releases
Name: MmeATCA_OutletTemp (2842) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_OutletTemp as raised by the MME system		

Table 17-51 MmeATCA_PayloadCurrent

Alarm	Attributes	Supported releases
Name: MmeATCA_PayloadCurrent (2843) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_PayloadCurrent as raised by the MME system		

Table 17-52 MmeATCA_PayloadVoltage

Alarm	Attributes	Supported releases
Name: MmeATCA_PayloadVoltage (869) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_PayloadVoltage as raised by the MME system		

Table 17-53 MmeATCA_ShelfFRUs

Alarm	Attributes	Supported releases
Name: MmeATCA_ShelfFRUs (870) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is ATCA_ShelfFRUs as raised by the MME system		

Table 17-54 MmeFALARM_Loop

Alarm	Attributes	Supported releases
Name: MmeFALARM_Loop (3560) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is FALARM_Loop as raised by the MME system		

Table 17-55 MmeFALARM_Power

Alarm	Attributes	Supported releases
Name: MmeFALARM_Power (3561) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is FALARM_Power as raised by the MME system		

Table 17-56 MmeLSS_acrTemporaryBufferOverload

Alarm	Attributes	Supported releases
Name: MmeLSS_acrTemporaryBufferOverload (872) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_acrTemporaryBufferOverload as raised by the MME system		

Table 17-57 MmeLSS_adnsQueueCongestion

Alarm	Attributes	Supported releases
Name: MmeLSS_adnsQueueCongestion (2844) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_adnsQueueCongestion as raised by the MME system		

Table 17-58 MmeLSS_agcfFsdbSubscriberDownloadFailure

Alarm	Attributes	Supported releases
Name: MmeLSS_agcfFsdbSubscriberDownloadFailure (874) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_agcfFsdbSubscriberDownloadFailure as raised by the MME system		

Table 17-59 MmeLSS_applySheddingFactor

Alarm	Attributes	Supported releases
Name: MmeLSS_applySheddingFactor (875) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_applySheddingFactor as raised by the MME system		

Table 17-60 MmeLSS_asdaRequestQueue

Alarm	Attributes	Supported releases
Name: MmeLSS_asdaRequestQueue (3564) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_asdaRequestQueue as raised by the MME system		

Table 17-61 MmeLSS_badServerAddress

Alarm	Attributes	Supported releases
Name: MmeLSS_badServerAddress (2845) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_badServerAddress as raised by the MME system		

Table 17-62 MmeLSS_capacityLicenseKeyExpiration

Alarm	Attributes	Supported releases
Name: MmeLSS_capacityLicenseKeyExpiration (3565) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_capacityLicenseKeyExpiration as raised by the MME system		

Table 17-63 MmeLSS_capacityLicenseKeyNearExpiration

Alarm	Attributes	Supported releases
Name: MmeLSS_capacityLicenseKeyNearExpiration (3566) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_capacityLicenseKeyNearExpiration as raised by the MME system		

Table 17-64 MmeLSS_capacityLicenseKeyValidationError

Alarm	Attributes	Supported releases
Name: MmeLSS_capacityLicenseKeyValidationError (3567) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_capacityLicenseKeyValidationError as raised by the MME system		

Table 17-65 MmeLSS_cardConnectionLost

Alarm	Attributes	Supported releases
Name: MmeLSS_cardConnectionLost (876) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cardConnectionLost as raised by the MME system		

Table 17-66 MmeLSS_cardError

Alarm	Attributes	Supported releases
Name: MmeLSS_cardError (877) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cardError as raised by the MME system		

Table 17-67 MmeLSS_cardStateChange

Alarm	Attributes	Supported releases
Name: MmeLSS_cardStateChange (878) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cardStateChange as raised by the MME system		

Table 17-68 MmeLSS_cpiAlrmCritical

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiAlrmCritical (879) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiAlrmCritical as raised by the MME system		

Table 17-69 MmeLSS_cpiAlrmMajor

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiAlrmMajor (880) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiAlrmMajor as raised by the MME system		

Table 17-70 MmeLSS_cpiAlrmMinor

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiAlrmMinor (881) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiAlrmMinor as raised by the MME system		

Table 17-71 MmeLSS_cpiAlrmWarning

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiAlrmWarning (882) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiAlrmWarning as raised by the MME system		

Table 17-72 MmeLSS_cpiAsrtEsc

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiAsrtEsc (883) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiAsrtEsc as raised by the MME system		

Table 17-73 MmeLSS_cpiAsrtNonEsc

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiAsrtNonEsc (884) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiAsrtNonEsc as raised by the MME system		

Table 17-74 MmeLSS_cpiAsrtNonEscCritical

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiAsrtNonEscCritical (885) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiAsrtNonEscCritical as raised by the MME system		

Table 17-75 MmeLSS_cpiAsrtNonEscMajor

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiAsrtNonEscMajor (886) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiAsrtNonEscMajor as raised by the MME system		

Table 17-76 MmeLSS_cpiAsrtNonEscMinor

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiAsrtNonEscMinor (887) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiAsrtNonEscMinor as raised by the MME system		

Table 17-77 MmeLSS_cpiAudErrCount

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiAudErrCount (888) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiAudErrCount as raised by the MME system		

Table 17-78 MmeLSS_cpiAudManAct

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiAudManAct (889) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiAudManAct as raised by the MME system		

Table 17-79 MmeLSS_cpiAudNewEvent

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiAudNewEvent (890) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiAudNewEvent as raised by the MME system		

Table 17-80 MmeLSS_cpiCompCSFBMTermSucc

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiCompCSFBMTermSucc (2846) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiCompCSFBMTermSucc as raised by the MME system		

Table 17-81 MmeLSS_cpiCompCSFBPSInfoSucc

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiCompCSFBPSInfoSucc (2847) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiCompCSFBPSInfoSucc as raised by the MME system		

Table 17-82 MmeLSS_cpiCompCSFBPSLocSucc

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiCompCSFBPSLocSucc (2848) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiCompCSFBPSLocSucc as raised by the MME system		

Table 17-83 MmeLSS_cpiCompleteRateAlarm

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiCompleteRateAlarm (3568) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiCompleteRateAlarm as raised by the MME system		

Table 17-84 MmeLSS_cpiCompLocUpdateSuccMME

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiCompLocUpdateSuccMME (2849) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiCompLocUpdateSuccMME as raised by the MME system		

Table 17-85 MmeLSS_cpiCompSGSAPPagingSucc

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiCompSGSAPPagingSucc (2850) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiCompSGSAPPagingSucc as raised by the MME system		

Table 17-86 MmeLSS_cpiDropLocUpdateReqMME

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiDropLocUpdateReqMME (2851) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiDropLocUpdateReqMME as raised by the MME system		

Table 17-87 MmeLSS_cpiDropRateAlarm

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiDropRateAlarm (3569) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiDropRateAlarm as raised by the MME system		

Table 17-88 MmeLSS_cpiDropSS7SCTPPktsRcvd

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiDropSS7SCTPPktsRcvd (2852) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiDropSS7SCTPPktsRcvd as raised by the MME system		

Table 17-89 MmeLSS_cpiDropSS7SCTPPktsTrans

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiDropSS7SCTPPktsTrans (2853) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiDropSS7SCTPPktsTrans as raised by the MME system		

Table 17-90 MmeLSS_cpiExceptionService

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiExceptionService (891) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiExceptionService as raised by the MME system		

Table 17-91 MmeLSS_cpiFailRateAlarm

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiFailRateAlarm (3570) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiFailRateAlarm as raised by the MME system		

Table 17-92 MmeLSS_cpiFailSCTPFastRetransIncr

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiFailSCTPFastRetransIncr (892) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiFailSCTPFastRetransIncr as raised by the MME system		

Table 17-93 MmeLSS_cpiFailSCTPFastRetransRate

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiFailSCTPFastRetransRate (893) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiFailSCTPFastRetransRate as raised by the MME system		

Table 17-94 MmeLSS_cpiFailSCTPSRTT1Incr

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiFailSCTPSRTT1Incr (894) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiFailSCTPSRTT1Incr as raised by the MME system		

Table 17-95 MmeLSS_cpiFailSCTPSRTT2Incr

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiFailSCTPSRTT2Incr (895) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiFailSCTPSRTT2Incr as raised by the MME system		

Table 17-96 MmeLSS_cpiFailSCTPT3RetransIncr

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiFailSCTPT3RetransIncr (3571) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiFailSCTPT3RetransIncr as raised by the MME system		

Table 17-97 MmeLSS_cpiFailSCTPT3RetransRate

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiFailSCTPT3RetransRate (896) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiFailSCTPT3RetransRate as raised by the MME system		

Table 17-98 MmeLSS_cpiFileSysUsage

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiFileSysUsage (897) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiFileSysUsage as raised by the MME system		

Table 17-99 MmeLSS_cpiGTPcResponseTOGn

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiGTPcResponseTOGn (898) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiGTPcResponseTOGn as raised by the MME system		

Table 17-100 MmeLSS_cpiGTPcResponseTOS3

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiGTPcResponseTOS3 (3305) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiGTPcResponseTOS3 as raised by the MME system		

Table 17-101 MmeLSS_cpiGTPcResponseTOSv

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiGTPcResponseTOSv (899) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiGTPcResponseTOSv as raised by the MME system		

Table 17-102 MmeLSS_cpiHOfailuresFromGERANoverS3

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiHOfailuresFromGERANoverS3 (2854) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiHOfailuresFromGERANoverS3 as raised by the MME system		

Table 17-103 MmeLSS_cpiHOfailuresFromUTRANoverS3

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiHOfailuresFromUTRANoverS3 (2855) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiHOfailuresFromUTRANoverS3 as raised by the MME system		

Table 17-104 MmeLSS_cpiHOfailuresRAuto2G3GnewSgwOverS3

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiHOfailuresRAuto2G3GnewSgwOverS3 (2856) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiHOfailuresRAuto2G3GnewSgwOverS3 as raised by the MME system		

Table 17-105 MmeLSS_cpiHOfailuresRAuto2G3GOverS3

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiHOfailuresRAuto2G3GOverS3 (3306) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiHOfailuresRAuto2G3GOverS3 as raised by the MME system		

Table 17-106 MmeLSS_cpiHOfailuresRAuto2G3GsameSgwOverS3

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiHOfailuresRAuto2G3GsameSgwOverS3 (2857) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiHOfailuresRAuto2G3GsameSgwOverS3 as raised by the MME system		

Table 17-107 MmeLSS_cpiHOFailuresTo3G2GOverGn

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiHOFailuresTo3G2GOverGn (900) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none">• 3.0.0• 4.0.0• 4.0.2
Description: This alarm is LSS_cpiHOFailuresTo3G2GOverGn as raised by the MME system		

Table 17-108 MmeLSS_cpiHOfailuresToGERANoverS3

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiHOfailuresToGERANoverS3 (2858) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none">• 3.0.0• 4.0.0• 4.0.2
Description: This alarm is LSS_cpiHOfailuresToGERANoverS3 as raised by the MME system		

Table 17-109 MmeLSS_cpiHOfailuresToUTRANoverS3

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiHOfailuresToUTRANoverS3 (2859) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none">• 3.0.0• 4.0.0• 4.0.2
Description: This alarm is LSS_cpiHOfailuresToUTRANoverS3 as raised by the MME system		

Table 17-110 MmeLSS_cpiMafAttachFailuresSysRelated

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMafAttachFailuresSysRelated (2860) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none">• 3.0.0• 4.0.0• 4.0.2
Description: This alarm is LSS_cpiMafAttachFailuresSysRelated as raised by the MME system		

Table 17-111 MmeLSS_cpiMAFCommunicationFailureRate

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMAFCommunicationFailureRate (3307) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiMAFCommunicationFailureRate as raised by the MME system		

Table 17-112 MmeLSS_cpiMafEIRfailuresS13

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMafEIRfailuresS13 (2861) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiMafEIRfailuresS13 as raised by the MME system		

Table 17-113 MmeLSS_cpiMafExtServiceReqFailuresSysRelated

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMafExtServiceReqFailuresSysRelated (3578) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiMafExtServiceReqFailuresSysRelated as raised by the MME system		

Table 17-114 MmeLSS_cpiMafExtServiceRequestFailures

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMafExtServiceRequestFailures (3579) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiMafExtServiceRequestFailures as raised by the MME system		

Table 17-115 MmeLSS_cpiMafFailuresOverSGs

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMafFailuresOverSGs (909) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiMafFailuresOverSGs as raised by the MME system		

Table 17-116 MmeLSS_cpiMafHLRAuthFail

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMafHLRAuthFail (2862) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiMafHLRAuthFail as raised by the MME system		

Table 17-117 MmeLSS_cpiMafServiceReqFailuresSysRelated

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMafServiceReqFailuresSysRelated (910) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiMafServiceReqFailuresSysRelated as raised by the MME system		

Table 17-118 MmeLSS_cpiMafTauFailuresInterMme

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMafTauFailuresInterMme (911) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiMafTauFailuresInterMme as raised by the MME system		

Table 17-119 MmeLSS_cpiMafTauFailuresInterMmeInterSgw

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMafTauFailuresInterMmeInterSgw (3308) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiMafTauFailuresInterMmeInterSgw as raised by the MME system		

Table 17-120 MmeLSS_cpiMafTauFailuresInterSgw

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMafTauFailuresInterSgw (912) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiMafTauFailuresInterSgw as raised by the MME system		

Table 17-121 MmeLSS_cpiMBMSSessionStartM3FailureRate

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMBMSSessionStartM3FailureRate (3572) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiMBMSSessionStartM3FailureRate as raised by the MME system		

Table 17-122 MmeLSS_cpiMBMSSessionStartSmFailureRate

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMBMSSessionStartSmFailureRate (3573) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiMBMSSessionStartSmFailureRate as raised by the MME system		

Table 17-123 MmeLSS_cpiMBMSSessionStopM3FailureRate

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMBMSSessionStopM3FailureRate (3574) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 4.0.0 4.0.2
Description: This alarm is LSS_cpiMBMSSessionStopM3FailureRate as raised by the MME system		

Table 17-124 MmeLSS_cpiMBMSSessionStopSmFailureRate

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMBMSSessionStopSmFailureRate (3575) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 4.0.0 4.0.2
Description: This alarm is LSS_cpiMBMSSessionStopSmFailureRate as raised by the MME system		

Table 17-125 MmeLSS_cpiMBMSSessionUpdateM3FailureRate

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMBMSSessionUpdateM3FailureRate (3576) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 4.0.0 4.0.2
Description: This alarm is LSS_cpiMBMSSessionUpdateM3FailureRate as raised by the MME system		

Table 17-126 MmeLSS_cpiMBMSSessionUpdateSmFailureRate

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMBMSSessionUpdateSmFailureRate (3577) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 4.0.0 4.0.2
Description: This alarm is LSS_cpiMBMSSessionUpdateSmFailureRate as raised by the MME system		

Table 17-127 MmeLSS_cpiMemAllocFail

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiMemAllocFail (913) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiMemAllocFail as raised by the MME system		

Table 17-128 MmeLSS_cpiNoPSHOFailuresOverSv

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiNoPSHOFailuresOverSv (914) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiNoPSHOFailuresOverSv as raised by the MME system		

Table 17-129 MmeLSS_cpiReinitServiceSelf

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiReinitServiceSelf (915) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiReinitServiceSelf as raised by the MME system		

Table 17-130 MmeLSS_cpiS3TauFailures

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiS3TauFailures (2863) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiS3TauFailures as raised by the MME system		

Table 17-131 MmeLSS_cpiS3TauFailuresInterSgw

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiS3TauFailuresInterSgw (2864) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiS3TauFailuresInterSgw as raised by the MME system		

Table 17-132 MmeLSS_cpiS3TauFailuresIntraSGW

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiS3TauFailuresIntraSGW (2865) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiS3TauFailuresIntraSGW as raised by the MME system		

Table 17-133 MmeLSS_cpiSIPRetransmitInvite

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiSIPRetransmitInvite (3580) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiSIPRetransmitInvite as raised by the MME system		

Table 17-134 MmeLSS_cpiSIPRetransmitNonInvite

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiSIPRetransmitNonInvite (3581) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiSIPRetransmitNonInvite as raised by the MME system		

Table 17-135 MmeLSS_cpiStabilityAlarm

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiStabilityAlarm (3582) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiStabilityAlarm as raised by the MME system		

Table 17-136 MmeLSS_cpiStopWarnMsgDeliveryS1MMEFailureRate

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiStopWarnMsgDeliveryS1MMEFailureRate (3583) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiStopWarnMsgDeliveryS1MMEFailureRate as raised by the MME system		

Table 17-137 MmeLSS_cpiStopWarnMsgDeliverySBcFailureRate

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiStopWarnMsgDeliverySBcFailureRate (3584) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiStopWarnMsgDeliverySBcFailureRate as raised by the MME system		

Table 17-138 MmeLSS_cpiUECapacityUsage

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiUECapacityUsage (3309) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiUECapacityUsage as raised by the MME system		

Table 17-139 MmeLSS_cpiWarnMsgDeliveryS1MMEFailureRate

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiWarnMsgDeliveryS1MMEFailureRate (3585) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiWarnMsgDeliveryS1MMEFailureRate as raised by the MME system		

Table 17-140 MmeLSS_cpiWarnMsgDeliverySBcFailureRate

Alarm	Attributes	Supported releases
Name: MmeLSS_cpiWarnMsgDeliverySBcFailureRate (3586) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpiWarnMsgDeliverySBcFailureRate as raised by the MME system		

Table 17-141 MmeLSS_cpuOverload

Alarm	Attributes	Supported releases
Name: MmeLSS_cpuOverload (916) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_cpuOverload as raised by the MME system		

Table 17-142 MmeLSS_databaseConnectionLost

Alarm	Attributes	Supported releases
Name: MmeLSS_databaseConnectionLost (917) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_databaseConnectionLost as raised by the MME system		

Table 17-143 MmeLSS_databaseReplicationLinkDown

Alarm	Attributes	Supported releases
Name: MmeLSS_databaseReplicationLinkDown (918) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_databaseReplicationLinkDown as raised by the MME system		

Table 17-144 MmeLSS_databaseSizeExhausted

Alarm	Attributes	Supported releases
Name: MmeLSS_databaseSizeExhausted (919) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_databaseSizeExhausted as raised by the MME system		

Table 17-145 MmeLSS_dataChange

Alarm	Attributes	Supported releases
Name: MmeLSS_dataChange (3587) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_dataChange as raised by the MME system		

Table 17-146 MmeLSS_dbHighCpuUtilization

Alarm	Attributes	Supported releases
Name: MmeLSS_dbHighCpuUtilization (920) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_dbHighCpuUtilization as raised by the MME system		

Table 17-147 MmeLSS_dbOffline

Alarm	Attributes	Supported releases
Name: MmeLSS_dbOffline (921) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_dbOffline as raised by the MME system		

Table 17-148 MmeLSS_dbStatusUnexpected

Alarm	Attributes	Supported releases
Name: MmeLSS_dbStatusUnexpected (3680) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.2
Description: This alarm is LSS_dbStatusUnexpected as raised by the MME system		

Table 17-149 MmeLSS_degradedResource

Alarm	Attributes	Supported releases
Name: MmeLSS_degradedResource (922) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_degradedResource as raised by the MME system		

Table 17-150 MmeLSS_degrow

Alarm	Attributes	Supported releases
Name: MmeLSS_degrow (923) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_degrow as raised by the MME system		

Table 17-151 MmeLSS_deviceServerConnectionSocketError

Alarm	Attributes	Supported releases
Name: MmeLSS_deviceServerConnectionSocketError (924) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_deviceServerConnectionSocketError as raised by the MME system		

Table 17-152 MmeLSS_deviceServerCxnLost

Alarm	Attributes	Supported releases
Name: MmeLSS_deviceServerCxnLost (925) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_deviceServerCxnLost as raised by the MME system		

Table 17-153 MmeLSS_diamLinkDown

Alarm	Attributes	Supported releases
Name: MmeLSS_diamLinkDown (926) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_diamLinkDown as raised by the MME system		

Table 17-154 MmeLSS_diamMaxClientsExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_diamMaxClientsExceeded (927) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_diamMaxClientsExceeded as raised by the MME system		

Table 17-155 MmeLSS_diskGoingDown

Alarm	Attributes	Supported releases
Name: MmeLSS_diskGoingDown (929) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_diskGoingDown as raised by the MME system		

Table 17-156 MmeLSS_diskSector

Alarm	Attributes	Supported releases
Name: MmeLSS_diskSector (930) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_diskSector as raised by the MME system		

Table 17-157 MmeLSS_dnsThreshold

Alarm	Attributes	Supported releases
Name: MmeLSS_dnsThreshold (932) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_dnsThreshold as raised by the MME system		

Table 17-158 MmeLSS_ethernetError

Alarm	Attributes	Supported releases
Name: MmeLSS_ethernetError (933) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_ethernetError as raised by the MME system		

Table 17-159 MmeLSS_ethernetLinkDown

Alarm	Attributes	Supported releases
Name: MmeLSS_ethernetLinkDown (934) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_ethernetLinkDown as raised by the MME system		

Table 17-160 MmeLSS_ethernetLinkStateChange

Alarm	Attributes	Supported releases
Name: MmeLSS_ethernetLinkStateChange (935) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_ethernetLinkStateChange as raised by the MME system		

Table 17-161 MmeLSS_externalConnectivity

Alarm	Attributes	Supported releases
Name: MmeLSS_externalConnectivity (936) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_externalConnectivity as raised by the MME system		

Table 17-162 MmeLSS_failedAttachReqsRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedAttachReqsRateExceeded (937) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedAttachReqsRateExceeded as raised by the MME system		

Table 17-163 MmeLSS_failedAuthRequestsHSSRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedAuthRequestsHSSRateExceeded (938) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedAuthRequestsHSSRateExceeded as raised by the MME system		

Table 17-164 MmeLSS_failedAuthRequestsUERateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedAuthRequestsUERateExceeded (939) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedAuthRequestsUERateExceeded as raised by the MME system		

Table 17-165 MmeLSS_failedCrDedBearerReqsRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedCrDedBearerReqsRateExceeded (940) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedCrDedBearerReqsRateExceeded as raised by the MME system		

Table 17-166 MmeLSS_failedDeactDedBearerReqsRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedDeactDedBearerReqsRateExceeded (941) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedDeactDedBearerReqsRateExceeded as raised by the MME system		

Table 17-167 MmeLSS_failedDroppedDedBearerReqsRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedDroppedDedBearerReqsRateExceeded (942) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0
Description: This alarm is LSS_failedDroppedDedBearerReqsRateExceeded as raised by the MME system		

Table 17-168 MmeLSS_failedHRPDhandoverRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedHRPDhandoverRateExceeded (943) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedHRPDhandoverRateExceeded as raised by the MME system		

Table 17-169 MmeLSS_failedMobileTermLocRequestRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedMobileTermLocRequestRateExceeded (3588) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedMobileTermLocRequestRateExceeded as raised by the MME system		

Table 17-170 MmeLSS_failedNetwrkInducedLocRequestRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedNetwrkInducedLocRequestRateExceeded (3589) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedNetwrkInducedLocRequestRateExceeded as raised by the MME system		

Table 17-171 MmeLSS_failedNumHOFwdRelocRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedNumHOFwdRelocRateExceeded (945) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedNumHOFwdRelocRateExceeded as raised by the MME system		

Table 17-172 MmeLSS_failedNumHOPathSwNewSgwRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedNumHOPathSwNewSgwRateExceeded (946) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedNumHOPathSwNewSgwRateExceeded as raised by the MME system		

Table 17-173 MmeLSS_failedNumHOPathSwSameSgwRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedNumHOPathSwSameSgwRateExceeded (947) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedNumHOPathSwSameSgwRateExceeded as raised by the MME system		

Table 17-174 MmeLSS_failedNumHOREquiredRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedNumHOREquiredRateExceeded (948) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedNumHOREquiredRateExceeded as raised by the MME system		

Table 17-175 MmeLSS_failedS1MMEconnEstRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedS1MMEconnEstRateExceeded (950) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedS1MMEconnEstRateExceeded as raised by the MME system		

Table 17-176 MmeLSS_failedServiceReqsRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedServiceReqsRateExceeded (951) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedServiceReqsRateExceeded as raised by the MME system		

Table 17-177 MmeLSS_failedTAURateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedTAURateExceeded (952) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedTAURateExceeded as raised by the MME system		

Table 17-178 MmeLSS_failedUpdBearerReqsRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedUpdBearerReqsRateExceeded (953) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedUpdBearerReqsRateExceeded as raised by the MME system		

Table 17-179 MmeLSS_failedUpdDedBearerReqsRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_failedUpdDedBearerReqsRateExceeded (954) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_failedUpdDedBearerReqsRateExceeded as raised by the MME system		

Table 17-180 MmeLSS_featureLicenseExpiration

Alarm	Attributes	Supported releases
Name: MmeLSS_featureLicenseExpiration (3590) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_featureLicenseExpiration as raised by the MME system		

Table 17-181 MmeLSS_featureLicenseKeyNearExpiration

Alarm	Attributes	Supported releases
Name: MmeLSS_featureLicenseKeyNearExpiration (3591) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_featureLicenseKeyNearExpiration as raised by the MME system		

Table 17-182 MmeLSS_featureLockDataReset

Alarm	Attributes	Supported releases
Name: MmeLSS_featureLockDataReset (2866) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_featureLockDataReset as raised by the MME system		

Table 17-183 MmeLSS_featureLockValidationError

Alarm	Attributes	Supported releases
Name: MmeLSS_featureLockValidationError (955) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_featureLockValidationError as raised by the MME system		

Table 17-184 MmeLSS_fqdnError

Alarm	Attributes	Supported releases
Name: MmeLSS_fqdnError (956) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_fqdnError as raised by the MME system		

Table 17-185 MmeLSS_fru

Alarm	Attributes	Supported releases
Name: MmeLSS_fru (957) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_fru as raised by the MME system		

Table 17-186 MmeLSS_fsguiLoginSecurityAlert

Alarm	Attributes	Supported releases
Name: MmeLSS_fsguiLoginSecurityAlert (959) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_fsguiLoginSecurityAlert as raised by the MME system		

Table 17-187 MmeLSS_gatewayCongestion

Alarm	Attributes	Supported releases
Name: MmeLSS_gatewayCongestion (2867) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_gatewayCongestion as raised by the MME system		

Table 17-188 MmeLSS_gatewayDown

Alarm	Attributes	Supported releases
Name: MmeLSS_gatewayDown (960) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_gatewayDown as raised by the MME system		

Table 17-189 MmeLSS_gatewayForcedOOS

Alarm	Attributes	Supported releases
Name: MmeLSS_gatewayForcedOOS (961) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_gatewayForcedOOS as raised by the MME system		

Table 17-190 MmeLSS_gatewayRegistered

Alarm	Attributes	Supported releases
Name: MmeLSS_gatewayRegistered (962) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_gatewayRegistered as raised by the MME system		

Table 17-191 MmeLSS_gatewayUnreachable

Alarm	Attributes	Supported releases
Name: MmeLSS_gatewayUnreachable (2868) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_gatewayUnreachable as raised by the MME system		

Table 17-192 MmeLSS_gatewayUnregistered

Alarm	Attributes	Supported releases
Name: MmeLSS_gatewayUnregistered (963) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_gatewayUnregistered as raised by the MME system		

Table 17-193 MmeLSS_ggsnDnsError

Alarm	Attributes	Supported releases
Name: MmeLSS_ggsnDnsError (3310) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_ggsnDnsError as raised by the MME system		

Table 17-194 MmeLSS_globalParameterNotFound

Alarm	Attributes	Supported releases
Name: MmeLSS_globalParameterNotFound (2869) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_globalParameterNotFound as raised by the MME system		

Table 17-195 MmeLSS_grow

Alarm	Attributes	Supported releases
Name: MmeLSS_grow (964) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_grow as raised by the MME system		

Table 17-196 MmeLSS_h248MessageBufferDepletion

Alarm	Attributes	Supported releases
Name: MmeLSS_h248MessageBufferDepletion (965) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_h248MessageBufferDepletion as raised by the MME system		

Table 17-197 MmeLSS_hostDown

Alarm	Attributes	Supported releases
Name: MmeLSS_hostDown (966) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_hostDown as raised by the MME system		

Table 17-198 MmeLSS_hostEthernetError

Alarm	Attributes	Supported releases
Name: MmeLSS_hostEthernetError (967) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_hostEthernetError as raised by the MME system		

Table 17-199 MmeLSS_hoststateChange

Alarm	Attributes	Supported releases
Name: MmeLSS_hoststateChange (968) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_hoststateChange as raised by the MME system		

Table 17-200 MmeLSS_invalidGateway

Alarm	Attributes	Supported releases
Name: MmeLSS_invalidGateway (2870) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_invalidGateway as raised by the MME system		

Table 17-201 MmeLSS_ipmcAlert

Alarm	Attributes	Supported releases
Name: MmeLSS_ipmcAlert (970) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_ipmcAlert as raised by the MME system		

Table 17-202 MmeLSS_llcDown

Alarm	Attributes	Supported releases
Name: MmeLSS_llcDown (971) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_llcDown as raised by the MME system		

Table 17-203 MmeLSS_logicalLinkDown

Alarm	Attributes	Supported releases
Name: MmeLSS_logicalLinkDown (972) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_logicalLinkDown as raised by the MME system		

Table 17-204 MmeLSS_logicalLinkNotFound

Alarm	Attributes	Supported releases
Name: MmeLSS_logicalLinkNotFound (973) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_logicalLinkNotFound as raised by the MME system		

Table 17-205 MmeLSS_maxDurationExpiredOnHRPDhandover

Alarm	Attributes	Supported releases
Name: MmeLSS_maxDurationExpiredOnHRPDhandover (974) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_maxDurationExpiredOnHRPDhandover as raised by the MME system		

Table 17-206 MmeLSS_memoryOverload

Alarm	Attributes	Supported releases
Name: MmeLSS_memoryOverload (975) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_memoryOverload as raised by the MME system		

Table 17-207 MmeLSS_mmeConnectionLost

Alarm	Attributes	Supported releases
Name: MmeLSS_mmeConnectionLost (2871) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_mmeConnectionLost as raised by the MME system		

Table 17-208 MmeLSS_mmeControllerOOS

Alarm	Attributes	Supported releases
Name: MmeLSS_mmeControllerOOS (2872) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_mmeControllerOOS as raised by the MME system		

Table 17-209 MmeLSS_mmeDnsError

Alarm	Attributes	Supported releases
Name: MmeLSS_mmeDnsError (2873) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_mmeDnsError as raised by the MME system		

Table 17-210 MmeLSS_mmeExternalLinkDown

Alarm	Attributes	Supported releases
Name: MmeLSS_mmeExternalLinkDown (976) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_mmeExternalLinkDown as raised by the MME system		

Table 17-211 MmeLSS_mmeInternalCommunicationFailure

Alarm	Attributes	Supported releases
Name: MmeLSS_mmeInternalCommunicationFailure (977) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_mmeInternalCommunicationFailure as raised by the MME system		

Table 17-212 MmeLSS_mmeLiNearingCapacityLimit

Alarm	Attributes	Supported releases
Name: MmeLSS_mmeLiNearingCapacityLimit (2874) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_mmeLiNearingCapacityLimit as raised by the MME system		

Table 17-213 MmeLSS_mmeLinkMOStateChange

Alarm	Attributes	Supported releases
Name: MmeLSS_mmeLinkMOStateChange (978) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_mmeLinkMOStateChange as raised by the MME system		

Table 17-214 MmeLSS_mmeNoResetAckReceived

Alarm	Attributes	Supported releases
Name: MmeLSS_mmeNoResetAckReceived (2875) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_mmeNoResetAckReceived as raised by the MME system		

Table 17-215 MmeLSS_mmePcmdStateChange

Alarm	Attributes	Supported releases
Name: MmeLSS_mmePcmdStateChange (979) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_mmePcmdStateChange as raised by the MME system		

Table 17-216 MmeLSS_mmeSctpPathDown

Alarm	Attributes	Supported releases
Name: MmeLSS_mmeSctpPathDown (2876) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_mmeSctpPathDown as raised by the MME system		

Table 17-217 MmeLSS_mmeTaiFqdnError

Alarm	Attributes	Supported releases
Name: MmeLSS_mmeTaiFqdnError (2877) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_mmeTaiFqdnError as raised by the MME system		

Table 17-218 MmeLSS_mmpiEnabledBusy

Alarm	Attributes	Supported releases
Name: MmeLSS_mmpiEnabledBusy (980) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_mmpiEnabledBusy as raised by the MME system		

Table 17-219 MmeLSS_mmpiEnabledIdle

Alarm	Attributes	Supported releases
Name: MmeLSS_mmpiEnabledIdle (981) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_mmpiEnabledIdle as raised by the MME system		

Table 17-220 MmeLSS_mmpiLinkFailure

Alarm	Attributes	Supported releases
Name: MmeLSS_mmpiLinkFailure (982) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_mmpiLinkFailure as raised by the MME system		

Table 17-221 MmeLSS_mmpiProvisioningFailure

Alarm	Attributes	Supported releases
Name: MmeLSS_mmpiProvisioningFailure (983) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_mmpiProvisioningFailure as raised by the MME system		

Table 17-222 MmeLSS_msgQueueResource

Alarm	Attributes	Supported releases
Name: MmeLSS_msgQueueResource (984) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_msgQueueResource as raised by the MME system		

Table 17-223 MmeLSS_nodeConfigFailure

Alarm	Attributes	Supported releases
Name: MmeLSS_nodeConfigFailure (985) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_nodeConfigFailure as raised by the MME system		

Table 17-224 MmeLSS_nodeDown

Alarm	Attributes	Supported releases
Name: MmeLSS_nodeDown (986) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_nodeDown as raised by the MME system		

Table 17-225 MmeLSS_nonCsAddrChannelDepletion

Alarm	Attributes	Supported releases
Name: MmeLSS_nonCsAddrChannelDepletion (987) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_nonCsAddrChannelDepletion as raised by the MME system		

Table 17-226 MmeLSS_numberOfTuplesInUse

Alarm	Attributes	Supported releases
Name: MmeLSS_numberOfTuplesInUse (999) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_numberOfTuplesInUse as raised by the MME system		

Table 17-227 MmeLSS_numTOS10gtpcRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_numTOS10gtpcRateExceeded (994) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_numTOS10gtpcRateExceeded as raised by the MME system		

Table 17-228 MmeLSS_numTOS11gtpcRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_numTOS11gtpcRateExceeded (995) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_numTOS11gtpcRateExceeded as raised by the MME system		

Table 17-229 MmeLSS_numTOS3gtpcRateExceeded

Alarm	Attributes	Supported releases
Name: MmeLSS_numTOS3gtpcRateExceeded (2878) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_numTOS3gtpcRateExceeded as raised by the MME system		

Table 17-230 MmeLSS_osSecInfoModificationDetected

Alarm	Attributes	Supported releases
Name: MmeLSS_osSecInfoModificationDetected (1000) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_osSecInfoModificationDetected as raised by the MME system		

Table 17-231 MmeLSS_osSecInformationMissing

Alarm	Attributes	Supported releases
Name: MmeLSS_osSecInformationMissing (1001) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_osSecInformationMissing as raised by the MME system		

Table 17-232 MmeLSS_osSecUnexpectedInformation

Alarm	Attributes	Supported releases
Name: MmeLSS_osSecUnexpectedInformation (1002) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_osSecUnexpectedInformation as raised by the MME system		

Table 17-233 MmeLSS_patch

Alarm	Attributes	Supported releases
Name: MmeLSS_patch (1003) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_patch as raised by the MME system		

Table 17-234 MmeLSS_pdnsMySQLReplication

Alarm	Attributes	Supported releases
Name: MmeLSS_pdnsMySQLReplication (1004) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_pdnsMySQLReplication as raised by the MME system		

Table 17-235 MmeLSS_pgwDnsError

Alarm	Attributes	Supported releases
Name: MmeLSS_pgwDnsError (3311) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_pgwDnsError as raised by the MME system		

Table 17-236 MmeLSS_pktCorruptionDetectedViaRCCLANCheck

Alarm	Attributes	Supported releases
Name: MmeLSS_pktCorruptionDetectedViaRCCLANCheck (1005) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_pktCorruptionDetectedViaRCCLANCheck as raised by the MME system		

Table 17-237 MmeLSS_platformCommandFailure

Alarm	Attributes	Supported releases
Name: MmeLSS_platformCommandFailure (1006) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is LSS_platformCommandFailure as raised by the MME system		

Table 17-238 MmeLSS_pmDataNotCollected

Alarm	Attributes	Supported releases
Name: MmeLSS_pmDataNotCollected (1138) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is LSS_pmDataNotCollected as raised by the MME system		

Table 17-239 MmeLSS_pplTableConfigFailure

Alarm	Attributes	Supported releases
Name: MmeLSS_pplTableConfigFailure (1007) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is LSS_pplTableConfigFailure as raised by the MME system		

Table 17-240 MmeLSS_processDown

Alarm	Attributes	Supported releases
Name: MmeLSS_processDown (1008) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is LSS_processDown as raised by the MME system		

Table 17-241 MmeLSS_processNotStarted

Alarm	Attributes	Supported releases
Name: MmeLSS_processNotStarted (1009) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is LSS_processNotStarted as raised by the MME system		

Table 17-242 MmeLSS_progressMarker

Alarm	Attributes	Supported releases
Name: MmeLSS_progressMarker (1010) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_progressMarker as raised by the MME system		

Table 17-243 MmeLSS_provisioningInhibitedMode

Alarm	Attributes	Supported releases
Name: MmeLSS_provisioningInhibitedMode (1011) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_provisioningInhibitedMode as raised by the MME system		

Table 17-244 MmeLSS_psosResource

Alarm	Attributes	Supported releases
Name: MmeLSS_psosResource (1012) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_psosResource as raised by the MME system		

Table 17-245 MmeLSS_remoteQueryServerFailure

Alarm	Attributes	Supported releases
Name: MmeLSS_remoteQueryServerFailure (3592) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_remoteQueryServerFailure as raised by the MME system		

Table 17-246 MmeLSS_restore

Alarm	Attributes	Supported releases
Name: MmeLSS_restore (1013) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_restore as raised by the MME system		

Table 17-247 MmeLSS_sctpEndpointInactive

Alarm	Attributes	Supported releases
Name: MmeLSS_sctpEndpointInactive (2879) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_sctpEndpointInactive as raised by the MME system		

Table 17-248 MmeLSS_serviceCommCxnLost

Alarm	Attributes	Supported releases
Name: MmeLSS_serviceCommCxnLost (2880) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_serviceCommCxnLost as raised by the MME system		

Table 17-249 MmeLSS_serviceonewayCommunication

Alarm	Attributes	Supported releases
Name: MmeLSS_serviceonewayCommunication (1015) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_serviceonewayCommunication as raised by the MME system		

Table 17-250 MmeLSS_sgsnDnsError

Alarm	Attributes	Supported releases
Name: MmeLSS_sgsnDnsError (2881) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_sgsnDnsError as raised by the MME system		

Table 17-251 MmeLSS_shLinkDown

Alarm	Attributes	Supported releases
Name: MmeLSS_shLinkDown (3593) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_shLinkDown as raised by the MME system		

Table 17-252 MmeLSS_shmcEthernetError

Alarm	Attributes	Supported releases
Name: MmeLSS_shmcEthernetError (1016) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_shmcEthernetError as raised by the MME system		

Table 17-253 MmeLSS_simxml

Alarm	Attributes	Supported releases
Name: MmeLSS_simxml (1017) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_simxml as raised by the MME system		

Table 17-254 MmeLSS_sipLinkSetPriPathInconsistency

Alarm	Attributes	Supported releases
Name: MmeLSS_sipLinkSetPriPathInconsistency (3594) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_sipLinkSetPriPathInconsistency as raised by the MME system		

Table 17-255 MmeLSS_SipLinkSetUnavailable

Alarm	Attributes	Supported releases
Name: MmeLSS_SipLinkSetUnavailable (3562) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_SipLinkSetUnavailable as raised by the MME system		

Table 17-256 MmeLSS_SipLinkUnavailable

Alarm	Attributes	Supported releases
Name: MmeLSS_SipLinkUnavailable (3563) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_SipLinkUnavailable as raised by the MME system		

Table 17-257 MmeLSS_softwareAllocatedResourceOverload

Alarm	Attributes	Supported releases
Name: MmeLSS_softwareAllocatedResourceOverload (1018) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_softwareAllocatedResourceOverload as raised by the MME system		

Table 17-258 MmeLSS_softwareComponentStandbyNotReady

Alarm	Attributes	Supported releases
Name: MmeLSS_softwareComponentStandbyNotReady (1020) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_softwareComponentStandbyNotReady as raised by the MME system		

Table 17-259 MmeLSS_softwareComponentStateChange

Alarm	Attributes	Supported releases
Name: MmeLSS_softwareComponentStateChange (1021) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_softwareComponentStateChange as raised by the MME system		

Table 17-260 MmeLSS_svcdegrow

Alarm	Attributes	Supported releases
Name: MmeLSS_svcdegrow (1022) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_svcdegrow as raised by the MME system		

Table 17-261 MmeLSS_svcgrow

Alarm	Attributes	Supported releases
Name: MmeLSS_svcgrow (1023) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_svcgrow as raised by the MME system		

Table 17-262 MmeLSS_swVersionMismatch

Alarm	Attributes	Supported releases
Name: MmeLSS_swVersionMismatch (1024) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_swVersionMismatch as raised by the MME system		

Table 17-263 MmeLSS_taiFqdnError

Alarm	Attributes	Supported releases
Name: MmeLSS_taiFqdnError (3312) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_taiFqdnError as raised by the MME system		

Table 17-264 MmeLSS_tftpDownloadCorrupt

Alarm	Attributes	Supported releases
Name: MmeLSS_tftpDownloadCorrupt (1025) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_tftpDownloadCorrupt as raised by the MME system		

Table 17-265 MmeLSS_timeStampValueOutOfSystemRange

Alarm	Attributes	Supported releases
Name: MmeLSS_timeStampValueOutOfSystemRange (3595) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is LSS_timeStampValueOutOfSystemRange as raised by the MME system		

Table 17-266 MmeLSS_transactionHandlerBlockDepletion

Alarm	Attributes	Supported releases
Name: MmeLSS_transactionHandlerBlockDepletion (1026) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_transactionHandlerBlockDepletion as raised by the MME system		

Table 17-267 MmeLSS_unAuthorizedMMEConnectionReq

Alarm	Attributes	Supported releases
Name: MmeLSS_unAuthorizedMMEConnectionReq (2882) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_unAuthorizedMMEConnectionReq as raised by the MME system		

Table 17-268 MmeLSS_upgrade

Alarm	Attributes	Supported releases
Name: MmeLSS_upgrade (1027) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_upgrade as raised by the MME system		

Table 17-269 MmeLSS_virtualClusterDown

Alarm	Attributes	Supported releases
Name: MmeLSS_virtualClusterDown (1029) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_virtualClusterDown as raised by the MME system		

Table 17-270 MmeLSS_virtualClusterStateChange

Alarm	Attributes	Supported releases
Name: MmeLSS_virtualClusterStateChange (1030) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_virtualClusterStateChange as raised by the MME system		

Table 17-271 MmeLSS_waitingDataBaseConnection

Alarm	Attributes	Supported releases
Name: MmeLSS_waitingDataBaseConnection (1031) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is LSS_waitingDataBaseConnection as raised by the MME system		

Table 17-272 MmeRALARM_Loop

Alarm	Attributes	Supported releases
Name: MmeRALARM_Loop (1032) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is RALARM_Loop as raised by the MME system		

Table 17-273 MmeRALARM_Power

Alarm	Attributes	Supported releases
Name: MmeRALARM_Power (1033) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is RALARM_Power as raised by the MME system		

Table 17-274 MmeSYS_BackupFailure

Alarm	Attributes	Supported releases
Name: MmeSYS_BackupFailure (1034) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is SYS_BackupFailure as raised by the MME system		

Table 17-275 MmeSYS_Configuration

Alarm	Attributes	Supported releases
Name: MmeSYS_Configuration (1035) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is SYS_Configuration as raised by the MME system		

Table 17-276 MmeSYS_COTRecordTransferFailure

Alarm	Attributes	Supported releases
Name: MmeSYS_COTRecordTransferFailure (3596) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is SYS_COTRecordTransferFailure as raised by the MME system		

Table 17-277 MmeSYS_CPM_USERDATA_INCONSITENCY

Alarm	Attributes	Supported releases
Name: MmeSYS_CPM_USERDATA_INCONSITENCY (3597) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is SYS_CPM_USERDATA_INCONSITENCY as raised by the MME system		

Table 17-278 MmeSYS_CPM_USERDATA_RESTORED

Alarm	Attributes	Supported releases
Name: MmeSYS_CPM_USERDATA_RESTORED (3598) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is SYS_CPM_USERDATA_RESTORED as raised by the MME system		

Table 17-279 MmeSYS_EventQueueCapacity

Alarm	Attributes	Supported releases
Name: MmeSYS_EventQueueCapacity (1036) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is SYS_EventQueueCapacity as raised by the MME system		

Table 17-280 MmeSYS_IPsecConfig

Alarm	Attributes	Supported releases
Name: MmeSYS_IPsecConfig (1037) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is SYS_IPsecConfig as raised by the MME system		

Table 17-281 MmeSYS_LinkDown

Alarm	Attributes	Supported releases
Name: MmeSYS_LinkDown (1038) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is SYS_LinkDown as raised by the MME system		

Table 17-282 MmeSYS_NotifyDisabled

Alarm	Attributes	Supported releases
Name: MmeSYS_NotifyDisabled (1039) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is SYS_NotifyDisabled as raised by the MME system		

Table 17-283 MmeSYS_NotifyLocked

Alarm	Attributes	Supported releases
Name: MmeSYS_NotifyLocked (1040) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is SYS_NotifyLocked as raised by the MME system		

Table 17-284 MmeSYS_NumTL1MeasThresh

Alarm	Attributes	Supported releases
Name: MmeSYS_NumTL1MeasThresh (1041) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is SYS_NumTL1MeasThresh as raised by the MME system		

Table 17-285 MmeSYS_RADIUS_TO_LDAP_FAILURE

Alarm	Attributes	Supported releases
Name: MmeSYS_RADIUS_TO_LDAP_FAILURE (1042) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is SYS_RADIUS_TO_LDAP_FAILURE as raised by the MME system		

Table 17-286 MmeSYS_ROOT_ACCESS_DENIED

Alarm	Attributes	Supported releases
Name: MmeSYS_ROOT_ACCESS_DENIED (1043) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is SYS_ROOT_ACCESS_DENIED as raised by the MME system		

Table 17-287 MmeSYS_ROOT_FTP_VIOLATION

Alarm	Attributes	Supported releases
Name: MmeSYS_ROOT_FTP_VIOLATION (1044) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is SYS_ROOT_FTP_VIOLATION as raised by the MME system		

Table 17-288 MmeSYS_ROOT_LOGIN_VIOLATION

Alarm	Attributes	Supported releases
Name: MmeSYS_ROOT_LOGIN_VIOLATION (1045) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is SYS_ROOT_LOGIN_VIOLATION as raised by the MME system		

Table 17-289 MmeSYS_ROOT_SSH_LOGIN_VIOLATION

Alarm	Attributes	Supported releases
Name: MmeSYS_ROOT_SSH_LOGIN_VIOLATION (2883) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is SYS_ROOT_SSH_LOGIN_VIOLATION as raised by the MME system		

Table 17-290 MmeSYS_SetupAAAFailure

Alarm	Attributes	Supported releases
Name: MmeSYS_SetupAAAFailure (3599) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 4.0.0 • 4.0.2
Description: This alarm is SYS_SetupAAAFailure as raised by the MME system		

Table 17-291 MmeSYS_SNETrapOverload

Alarm	Attributes	Supported releases
Name: MmeSYS_SNETrapOverload (1046) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is SYS_SNETrapOverload as raised by the MME system		

Table 17-292 MmeSYS_SNMPAuthenticationFailure

Alarm	Attributes	Supported releases
Name: MmeSYS_SNMPAuthenticationFailure (1047) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is SYS_SNMPAuthenticationFailure as raised by the MME system		

Table 17-293 MmeSYS_SNMPFailure

Alarm	Attributes	Supported releases
Name: MmeSYS_SNMPFailure (1048) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is SYS_SNMPFailure as raised by the MME system		

Table 17-294 MmeSYS_SU_TO_ROOT_FAILURE

Alarm	Attributes	Supported releases
Name: MmeSYS_SU_TO_ROOT_FAILURE (1049) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is SYS_SU_TO_ROOT_FAILURE as raised by the MME system		

Table 17-295 MmeSYS_SYSTEMTrapOverload

Alarm	Attributes	Supported releases
Name: MmeSYS_SYSTEMTrapOverload (1050) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is SYS_SYSTEMTrapOverload as raised by the MME system		

Table 17-296 MmeSYS_TestAlarm

Alarm	Attributes	Supported releases
Name: MmeSYS_TestAlarm (2884) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is SYS_TestAlarm as raised by the MME system		

Table 17-297 MmeSYS_ThresholdCrossed

Alarm	Attributes	Supported releases
Name: MmeSYS_ThresholdCrossed (1051) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is SYS_ThresholdCrossed as raised by the MME system		

Table 17-298 MmeSYS_UndiscoveredObject

Alarm	Attributes	Supported releases
Name: MmeSYS_UndiscoveredObject (2885) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is SYS_UndiscoveredObject as raised by the MME system		

Table 17-299 MmeSYS_WriteAAAFailure

Alarm	Attributes	Supported releases
Name: MmeSYS_WriteAAAFailure (3600) Type: mmeAlarm (77) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: true Default probable cause: mmeUnspecifiedReason (607)	<ul style="list-style-type: none"> 4.0.0 4.0.2
Description: This alarm is SYS_WriteAAAFailure as raised by the MME system		

Table 17-300 MmeUnknownAlarm

Alarm	Attributes	Supported releases
Name: MmeUnknownAlarm (1052) Type: mmeAlarm (77) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: alarmIndicationSignal (96) Applicable probable causes: various	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when an unknown alarm is received from the MME system.		

Table 17-301 MmeUnknownCommunicationsAlarm

Alarm	Attributes	Supported releases
Name: MmeUnknownCommunicationsAlarm (1053) Type: communicationsAlarm (4) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: UnspecifiedReason (803)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when an unknown communications alarm is received from the MME system.		

Table 17-302 MmeUnknownEnvironmentalAlarm

Alarm	Attributes	Supported releases
Name: MmeUnknownEnvironmentalAlarm (1054) Type: environmentalAlarm (2) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when an unknown environmental alarm is received from the MME system.		

Table 17-303 MmeUnknownEquipmentAlarm

Alarm	Attributes	Supported releases
Name: MmeUnknownEquipmentAlarm (1055) Type: equipmentAlarm (3) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when an unknown equipment alarm is received from the MME system.		

Table 17-304 MmeUnknownIntegrityViolationAlarm

Alarm	Attributes	Supported releases
Name: MmeUnknownIntegrityViolationAlarm (1056) Type: integrityViolationAlarm (78) Package: Itemme Raised on class: Itemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when an unknown integrity violation alarm is received from the MME system.		

Table 17-305 MmeUnknownOperationalViolationAlarm

Alarm	Attributes	Supported releases
Name: MmeUnknownOperationalViolationAlarm (1057) Type: operationalViolationAlarm (79) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when an unknown operational alarm is received from the MME system.		

Table 17-306 MmeUnknownPhysicalViolationAlarm

Alarm	Attributes	Supported releases
Name: MmeUnknownPhysicalViolationAlarm (1058) Type: physicalViolationAlarm (80) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when an unknown physical violation alarm is received from the MME system.		

Table 17-307 MmeUnknownProcessingErrorAlarm

Alarm	Attributes	Supported releases
Name: MmeUnknownProcessingErrorAlarm (1059) Type: processingErrorAlarm (81) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when an unknown processing error alarm is received from the MME system.		

Table 17-308 MmeUnknownQualityOfServiceAlarm

Alarm	Attributes	Supported releases
Name: MmeUnknownQualityOfServiceAlarm (1060) Type: qualityOfServiceAlarm (82) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when an unknown quality of service alarm is received from the MME system.		

Table 17-309 MmeUnknownSecurityServiceOrMechanismViolationAlarm

Alarm	Attributes	Supported releases
Name: MmeUnknownSecurityServiceOrMechanismViolationAlarm (1061) Type: securityServiceOrMechanismViolationAlarm (83) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The alarm is raised when an unknown mechanical violation alarm is received from the MME system.		

Table 17-310 MmeUnknownTimeDomainViolationAlarm

Alarm	Attributes	Supported releases
Name: MmeUnknownTimeDomainViolationAlarm (1062) Type: timeDomainViolationAlarm (84) Package: ltemme Raised on class: ltemme.MmeAlarmEntry	Severity: variable Implicitly cleared: false Default probable cause: unspecifiedReason (802)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The alarm is raised when an unknown time domain violation alarm is received from the MME system.		

Table 17-311 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		

Table 17-312 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		

Table 17-313 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 17-314 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 17-315 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 17-316 OverloadedCard

Alarm	Attributes	Supported releases
Name: OverloadedCard (2941) Type: cardAlarm (100) Package: equipment Raised on class: equipment.AtcaCard	Severity: variable Implicitly cleared: true Default probable cause: overloadedCard (1132)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the overload stats of the card has changed.		
Raising condition: ('Overload State' EQUAL 'Critical')		
Clearing condition: ('Overload State' EQUAL 'Normal')		

Table 17-317 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 17-318 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 17-319 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 17-320 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 17-321 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 17-322 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 17-323 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 17-324 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 17-325 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 17-326 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 17-327 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 17-328 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 17-329 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 17-330 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 17-331 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> 3.0.0 4.0.0 4.0.2
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 17-332 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 17-333 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 17-334 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 17-335 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 3.0.0 • 4.0.0 • 4.0.2
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

18 — Alcatel-Lucent 9500 MPR alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 18-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 1.1.0• 3.0.0• 3.1.0• 3.2.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 18-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 18-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 18-4 AreaTypeMismatch

Alarm	Attributes	Supported releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		

Table 18-5 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 18-6 BerLineSignalDegradation

Alarm	Attributes	Supported releases
Name: BerLineSignalDegradation (88) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalDegradation (74)	<ul style="list-style-type: none"> • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sd alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Degradation') AND ('Report Alarms'anyBit'BER Line Signal Degradation'))		

Table 18-7 BerLineSignalFailure

Alarm	Attributes	Supported releases
Name: BerLineSignalFailure (89) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: berLineSignalFailure (75)	<ul style="list-style-type: none"> • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a SONET port reports a line signal degradation BER error. The alarm corresponds to the lb2er-sf alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'BER Line Signal Failure') AND ('Report Alarms'anyBit'BER Line Signal Failure'))		

Table 18-8 BITS2NotQualified

Alarm	Attributes	Supported releases
Name: BITS2NotQualified (1941) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the BITS-2 timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 18-9 BITSNotQualified

Alarm	Attributes	Supported releases
Name: BITSNotQualified (547) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the BITS timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 18-10 BITSReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: BITSReferenceLossOfSignal (1950) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceLossOfSignal (938)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the BITS reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 18-11 BITSReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfFrequency (1951) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfFrequency (939)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 18-12 BITSReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: BITSReferenceOutOfPollInRange (1952) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: BITSReferenceOutOfPollInRange (940)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the BITS Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 18-13 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 18-14 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 18-15 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 18-16 BundleDown

Alarm	Attributes	Supported releases
Name: BundleDown (152) Type: equipmentAlarm (3) Package: bundle Raised on class: bundle.Interface	Severity: critical Implicitly cleared: true Default probable cause: bundleDown (128)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the bundle Administrative State is Up and the Operational State is Down.		
Raising condition: (('Protection Type' EQUAL 'None') AND ('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up') AND ('specificCardType' NOT EQUAL '16 x E1 (ASAP)'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 18-17 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 18-18 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 18-19 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 18-20 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 18-21 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 18-22 CrossconnectDown

Alarm	Attributes	Supported releases
Name: CrossconnectDown (744) Type: CrossconnectAlarm (60) Package: mpr Raised on class: mpr.Crossconnect	Severity: major Implicitly cleared: true Default probable cause: crossconnectDown (520)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the Operational State of an L2 or L3 interface is Down, and the Administrative State of the associated site is Up. The alarm is not raised against an L2 access interface that is in the MC ring standby state.		
Raising condition: ('xcRowStatus' NOT EQUAL 'Active')		
Clearing condition: ('xcRowStatus' EQUAL 'Active')		

Table 18-23 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 18-24 DS1E1AlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: DS1E1AlarmIndicationSignal (112) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: alarmIndicationSignal (96)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an AIS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Alarm Indication Signal') AND ('Report Alarms'anyBit'Alarm Indication Signal'))		

Table 18-25 DS1E1Looped

Alarm	Attributes	Supported releases
Name: DS1E1Looped (126) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: farEndLoopback (102)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a remote loopback alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Far end wants the near end to loopback') AND ('Report Alarms'anyBit'Far end wants the near end to loopback'))		

Table 18-26 DS1E1LossOfSignal

Alarm	Attributes	Supported releases
Name: DS1E1LossOfSignal (124) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an LOS alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Loss of Signal') AND ('Report Alarms'anyBit'Loss of Signal'))		

Table 18-27 DS1E1OutOfFrame

Alarm	Attributes	Supported releases
Name: DS1E1OutOfFrame (125) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: outOfFrame (100)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an OOF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Out Of Frame') AND ('Report Alarms'anyBit'Out Of Frame'))		

Table 18-28 DS1E1ResourceAvailabilityIndicator

Alarm	Attributes	Supported releases
Name: DS1E1ResourceAvailabilityIndicator (114) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: resourceAvailabilityIndicator (98)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an RAI alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Resource Availability Indicator') AND ('Report Alarms'anyBit'Resource Availability Indicator'))		

Table 18-29 DS1E1SignalDegradation

Alarm	Attributes	Supported releases
Name: DS1E1SignalDegradation (500) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalDegradation (386)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SD alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Degradation') AND ('Report Alarms'anyBit'Signal Degradation'))		

Table 18-30 DS1E1SignalFailure

Alarm	Attributes	Supported releases
Name: DS1E1SignalFailure (501) Type: communicationsAlarm (4) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: major Implicitly cleared: true Default probable cause: signalFailure (387)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has an SF alarm condition.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 18-31 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 18-32 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 18-33 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 18-34 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 18-35 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 18-36 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 18-37 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 18-38 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 18-39 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 18-40 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 18-41 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 18-42 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 18-43 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 18-44 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 18-45 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 18-46 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 18-47 ExternalTimingReferenceNotQualified

Alarm	Attributes	Supported releases
Name: ExternalTimingReferenceNotQualified (548) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the External timing reference on an NE is not in the Qualified state.		
Raising condition: (('Qualified' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified' NOT EQUAL 'Not Qualified'))		

Table 18-48 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 18-49 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 18-50 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 18-51 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 18-52 IfVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 18-53 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 18-54 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 18-55 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 3.1.0 • 3.2.0
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 18-56 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 18-57 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 18-58 LineAlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: LineAlarmIndicationSignal (84) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineAlarmIndicationSignal (70)	<ul style="list-style-type: none"> • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a SONET port reports an LAIS error. The alarm corresponds to the lais alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Alarm Indication Signal') AND ('Report Alarms'anyBit'Line Alarm Indication Signal'))))		

Table 18-59 LineErrorCondition

Alarm	Attributes	Supported releases
Name: LineErrorCondition (94) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineErrorCondition (80)	<ul style="list-style-type: none"> • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a SONET port reports a line error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Error Condition') AND ('Report Alarms'anyBit'Line Error Condition'))))		

Table 18-60 LineRemoteDefectIndication

Alarm	Attributes	Supported releases
Name: LineRemoteDefectIndication (85) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lineRemoteDefectIndication (71)	<ul style="list-style-type: none"> • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a SONET port reports a line remote defect indication error caused by an LOF, LOC, or LOS condition. The alarm corresponds to the lrdi alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Line Remote Defect Indication') AND ('Report Alarms'anyBit'Line Remote Defect Indication'))))		

Table 18-61 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 18-62 LossOfClock (sonetequipment)

Alarm	Attributes	Supported releases
Name: LossOfClock (83) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: lossOfClock (69)	<ul style="list-style-type: none"> • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a SONET port reports an LOC condition, which causes the NE to set the port Operational State to Down.		
Raising condition: (('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Loss of Clock') AND ('Report Alarms'anyBit'Loss of Clock'))		

Table 18-63 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 18-64 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 18-65 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		

Table 18-66 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		

Table 18-67 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 18-68 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 18-69 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 18-70 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 18-71 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None'))))		

Table 18-72 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 18-73 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 18-74 PTPNotQualified

Alarm	Attributes	Supported releases
Name: PTPNotQualified (3611) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPNotQualified (1400)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when PTP on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 18-75 PTPReferenceLossOfSignal

Alarm	Attributes	Supported releases
Name: PTPReferenceLossOfSignal (3613) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceLossOfSignal (1402)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the PTP reference on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 18-76 PTPReferenceOutOfFrequency

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfFrequency (3614) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfFrequency (1403)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 18-77 PTPReferenceOutOfPollInRange

Alarm	Attributes	Supported releases
Name: PTPReferenceOutOfPollInRange (3615) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: PTPReferenceOutOfPollInRange (1404)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the PTP Reference on an NE is not qualified state due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 18-78 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 18-79 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 18-80 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 18-81 RxSectionSynchronizationError

Alarm	Attributes	Supported releases
Name: RxSectionSynchronizationError (93) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: rxSectionSynchronizationError (79)	<ul style="list-style-type: none"> • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'RX Section Synchronization Error') AND ('Report Alarms'anyBit'RX Section Synchronization Error'))		

Table 18-82 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 18-83 SectionB1Error

Alarm	Attributes	Supported releases
Name: SectionB1Error (87) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionB1Error (73)	<ul style="list-style-type: none"> • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a SONET port reports a section error condition that a remote NE raises because of b1 errors received from the local NE. The alarm corresponds to the lrei alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section B1 Error') AND ('Report Alarms'anyBit'Section B1 Error'))		

Table 18-84 SectionLossOfFrame

Alarm	Attributes	Supported releases
Name: SectionLossOfFrame (90) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfFrame (76)	<ul style="list-style-type: none"> • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a SONET port reports a SLOF error. The alarm corresponds to the slof alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section Loss of Frame') AND ('Report Alarms'anyBit'Section Loss of Frame'))		

Table 18-85 SectionLossOfSignal

Alarm	Attributes	Supported releases
Name: SectionLossOfSignal (91) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionLossOfSignal (77)	<ul style="list-style-type: none"> • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a SONET port reports a SLOS error. The alarm corresponds to the slos alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section Loss of Signal') AND ('Report Alarms'anyBit'Section Loss of Signal'))		

Table 18-86 SectionS1Failure

Alarm	Attributes	Supported releases
Name: SectionS1Failure (86) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: sectionS1Failure (72)	<ul style="list-style-type: none"> • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a SONET port reports a section synchronization failure. A section synchronization failure occurs when the S1 byte is inconsistent for eight consecutive frames.		
Raising condition: (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Section S1 Failure') AND ('Report Alarms'anyBit'Section S1 Failure'))		

Table 18-87 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 18-88 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 18-89 SiteManagementVlanConflict

Alarm	Attributes	Supported releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

Table 18-90 SiteVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 18-91 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 18-92 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 18-93 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 1.1.0 3.0.0 3.1.0 3.2.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 18-94 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 1.1.0 3.0.0 3.1.0 3.2.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 18-95 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 18-96 TxSectionSynchronizationError

Alarm	Attributes	Supported releases
Name: TxSectionSynchronizationError (92) Type: communicationsAlarm (4) Package: sonetequipment Raised on class: sonetequipment.SonetPortMonitorSpecifics	Severity: major Implicitly cleared: true Default probable cause: txSectionSynchronizationError (78)	<ul style="list-style-type: none"> • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when a SONET port reports an SS1F error. The alarm corresponds to the ss1f alarm on an NE.		
Raising condition: (('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'TX Section Synchronization Error') AND ('Report Alarms'anyBit'TX Section Synchronization Error'))))		

Table 18-97 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 18-98 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 18-99 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 18-100 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 18-101 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 18-102 VlanPathInstanceDown

Alarm	Attributes	Supported releases
Name: VlanPathInstanceDown (748) Type: VlanPathInstanceAlarm (61) Package: mpr Raised on class: mpr.VlanPathInstance	Severity: major Implicitly cleared: true Default probable cause: vlanPathInstanceDown (524)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the Operational State of a VLAN path instance is Down, for example, because of one of the following conditions:- The radio link is down.- A cross connect is deleted.- The Operational State of one or more ports in the cross connect is Down.		
Raising condition: ('Operational State' NOT EQUAL 'Up')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 18-103 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 1.1.0 • 3.0.0 • 3.1.0 • 3.2.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL '\TiMOS-B-3.0.Generic \') AND ('Chassis Type' EQUAL '7701 CPAA'))		

19 — Alcatel-Lucent 9xxx eNodeB alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 19-1 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none">• FDD LA2.0• FDD LA3.0• FDD LA4.0• TDD TLA2.1• TDD TLA3.0• TDD TLA4.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 19-2 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 19-3 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 19-4 BackupRestoreApplicationLockNotObtained

Alarm	Attributes	Supported releases
Name: BackupRestoreApplicationLockNotObtained (1962) Type: integrityViolation (85) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Implicitly cleared: true Default probable cause: UnableToAcquireLock (949)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm is raised when the Backup/Restore Application is unable to acquire lock. Retry the Backup/Restore Operation once the lock is released by the other application.		

Table 19-5 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 19-6 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 19-7 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> persistentIndexFailure configFileBootFailure 	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 19-8 BsCommunicationStateOffline

Alarm	Attributes	Supported releases
Name: BsCommunicationStateOffline (1264) Type: communicationsAlarm (4) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Implicitly cleared: true Default probable cause: bsCommunicationOffline (904)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm is raised when the BS Communication State goes 'offline'. While BS communication state is 'offline' none of the SNMP properties can be set.		
Raising condition: (('bsCommunicationState' NOT EQUAL 'Online') AND (bsCommunicationState' NOT EQUAL 'OMC Managed'))		
Clearing condition: (('bsCommunicationState' EQUAL 'Online') OR ('bsCommunicationState' EQUAL 'OMC Managed'))		

Table 19-9 CallTraceAlreadyActive

Alarm	Attributes	Supported releases
Name: CallTraceAlreadyActive (1279) Type: callTraceSessionAlarm (90) Package: lte Raised on class: lte.CTg	Severity: warning Implicitly cleared: true Default probable cause: callTraceManuallyActivated (906)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when a Call Trace Session is already active when the scheduled task starts. The scheduled task will not deactivate it. The Call Trace Session must to be manually deactivated. The alarm is cleared when the Call Trace session is deactivated successfully.		

Table 19-10 CallTraceScheduledTaskExecutionError

Alarm	Attributes	Supported releases
Name: CallTraceScheduledTaskExecutionError (1280) Type: callTraceSessionAlarm (90) Package: lte Raised on class: lte.CTg	Severity: warning Implicitly cleared: false Default probable cause: callTraceConfigurationError (907) Applicable probable causes: <ul style="list-style-type: none"> callTraceConfigurationError eventBasedTraceEnabled debugTraceActive 	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the execution of a Call Trace scheduled task has a failure activating or deactivating this Call Trace session.		

Table 19-11 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 19-12 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 19-13 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> 1.1.0 2.0.0 2.1.0 3.0.0 3.9.0 4.0.0 4.9.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 19-14 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 19-15 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 19-16 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 19-17 ENBEquipmentAdminDown

Alarm	Attributes	Supported releases
Name: ENBEquipmentAdminDown (1359) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: variable Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an ENB Equipment Administrative State is down.		
Raising condition: (('administrativeState' NOT EQUAL 'Unlocked'))		
Clearing condition: (('administrativeState' EQUAL 'Unlocked'))		

Table 19-18 ENBEquipmentDown

Alarm	Attributes	Supported releases
Name: ENBEquipmentDown (1360) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: info Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an ENB Equipment is operationally down.		
Raising condition: (('operationalState' NOT EQUAL 'Enabled') AND ('administrativeState' EQUAL 'Unlocked'))		
Clearing condition: (('operationalState' EQUAL 'Enabled') OR ('administrativeState' NOT EQUAL 'Unlocked'))		

Table 19-19 ENBEquipmentNotAvailable

Alarm	Attributes	Supported releases
Name: ENBEquipmentNotAvailable (1361) Type: equipmentAlarm (3) Package: lte Raised on class: lte.ENBEquipment	Severity: info Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an ENB Equipment is not fully available.		
Raising condition: ('availabilityStatus' NOT EQUAL 'No Bits Set')		
Clearing condition: ('availabilityStatus' EQUAL 'No Bits Set')		

Table 19-20 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 19-21 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 19-22 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 19-23 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 19-24 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 19-25 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 19-26 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 19-27 FRUAdminDown

Alarm	Attributes	Supported releases
Name: FRUAdminDown (2919) Type: equipmentAlarm (3) Package: lte Raised on class: lte.FRU	Severity: variable Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an ENB Equipment Administrative State is down		
Raising condition: (('administrativeState' NOT EQUAL 'Unlocked'))		
Clearing condition: (('administrativeState' NOT EQUAL 'Locked'))		

Table 19-28 FRUDown

Alarm	Attributes	Supported releases
Name: FRUDown (2920) Type: equipmentAlarm (3) Package: lte Raised on class: lte.FRU	Severity: info Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an ENB Equipment is operationally down.		
Raising condition: (('operationalState' NOT EQUAL 'Enabled') AND ('administrativeState' EQUAL 'Unlocked'))		
Clearing condition: (('operationalState' EQUAL 'Enabled') OR ('administrativeState' NOT EQUAL 'Unlocked'))		

Table 19-29 FRUNotAvailable

Alarm	Attributes	Supported releases
Name: FRUNotAvailable (2921) Type: equipmentAlarm (3) Package: lte Raised on class: lte.FRU	Severity: info Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an ENB Equipment is not fully available.		
Raising condition: ('availabilityStatus' NOT EQUAL 'No Bits Set')		
Clearing condition: ('availabilityStatus' EQUAL 'No Bits Set')		

Table 19-30 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteegsn Raised on class: lteegsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 19-31 IK4001001 TMA UNREADABLE MANUFACTURER DATA

Alarm	Attributes	Supported releases
Name: TMA UNREADABLE MANUFACTURER DATA InfoKey number: IK4001001 5620 SAM ID: 2122 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure to read the TMA manufacturer data record.		
Impact: The TMA is out of service.		
Remedial action: Check the TMA or the AISG communication bus		

Table 19-32 IK4001002 TMA ALARM MINOR SUB1

Alarm	Attributes	Supported releases
Name: TMA ALARM MINOR SUB1 InfoKey number: IK4001002 5620 SAM ID: 2123 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 19-33 IK4001003 TMA ALARM MINOR SUB2

Alarm	Attributes	Supported releases
Name: TMA ALARM MINOR SUB2 InfoKey number: IK4001003 5620 SAM ID: 2124 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 19-34 IK4001004 TMA ALARM MINOR SUB3

Alarm	Attributes	Supported releases
Name: TMA ALARM MINOR SUB3 InfoKey number: IK4001004 5620 SAM ID: 2125 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 19-35 IK4001005 TMA ALARM MINOR SUB4

Alarm	Attributes	Supported releases
Name: TMA ALARM MINOR SUB4 InfoKey number: IK4001005 5620 SAM ID: 2126 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 19-36 IK4001006 TMA ALARM MINOR SUB5

Alarm	Attributes	Supported releases
Name: TMA ALARM MINOR SUB5 InfoKey number: IK4001006 5620 SAM ID: 2127 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 19-37 IK4001007 TMA ALARM MINOR SUB6

Alarm	Attributes	Supported releases
Name: TMA ALARM MINOR SUB6 InfoKey number: IK4001007 5620 SAM ID: 2128 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a minor TMA subunit fault which reduces gain performance but maintains its function.		
Impact: Possible loss of Rx Gain		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 19-38 IK4001008 TMA ALARM MAJOR SUB1

Alarm	Attributes	Supported releases
Name: TMA ALARM MAJOR SUB1 InfoKey number: IK4001008 5620 SAM ID: 2129 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 19-39 IK4001009 TMA ALARM MAJOR SUB2

Alarm	Attributes	Supported releases
Name: TMA ALARM MAJOR SUB2 InfoKey number: IK4001009 5620 SAM ID: 2130 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 19-40 IK4001010 TMA ALARM MAJOR SUB3

Alarm	Attributes	Supported releases
Name: TMA ALARM MAJOR SUB3 InfoKey number: IK4001010 5620 SAM ID: 2131 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 19-41 IK4001011 TMA ALARM MAJOR SUB4

Alarm	Attributes	Supported releases
Name: TMA ALARM MAJOR SUB4 InfoKey number: IK4001011 5620 SAM ID: 2132 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 19-42 IK4001012 TMA ALARM MAJOR SUB5

Alarm	Attributes	Supported releases
Name: TMA ALARM MAJOR SUB5 InfoKey number: IK4001012 5620 SAM ID: 2133 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 19-43 IK4001013 TMA ALARM MAJOR SUB6

Alarm	Attributes	Supported releases
Name: TMA ALARM MAJOR SUB6 InfoKey number: IK4001013 5620 SAM ID: 2134 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a major TMA subunit fault which prevents its function.		
Impact: Loss of one Rx Path		
Remedial action: Reset the TMA, if problem persists then replace the TMA.		

Table 19-44 IK4001014 TMA ALD UNIT SUPPORT WRONG AISG VERSION

Alarm	Attributes	Supported releases
Name: TMA ALD UNIT SUPPORT WRONG AISG VERSION InfoKey number: IK4001014 5620 SAM ID: 2135 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the ALD unit does not support AISG version 2.0.		
Impact: The TMA is out of service.		
Remedial action: Upgrade the TMA software or replace it with an AISG v2.0 unit.		

Table 19-45 IK4001015 TMA LOSS OF COMM

Alarm	Attributes	Supported releases
Name: TMA LOSS OF COMM InfoKey number: IK4001015 5620 SAM ID: 2136 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: communicationsSubsystemFailure Default probable cause ID: 915 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the RFM that acts as an AISG Controller has lost communication to the TMA unit.		
Impact: Loss of alarm reporting by the TMA		
Remedial action: Reset the AISG-host RFM, inspect and repair the AISG bus, or replace the TMA.		

Table 19-46 IK4001016 TMA FAULT 1

Alarm	Attributes	Supported releases
Name: TMA FAULT 1 InfoKey number: IK4001016 5620 SAM ID: 2959 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified TMA fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-47 IK4001017 TMA FAULT 2

Alarm	Attributes	Supported releases
Name: TMA FAULT 2 InfoKey number: IK4001017 5620 SAM ID: 2960 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified TMA fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-48 IK4001018 TMA FAULT 3

Alarm	Attributes	Supported releases
Name: TMA FAULT 3 InfoKey number: IK4001018 5620 SAM ID: 2961 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified TMA fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-49 IK4001019 TMA FAULT 4

Alarm	Attributes	Supported releases
Name: TMA FAULT 4 InfoKey number: IK4001019 5620 SAM ID: 2962 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified TMA fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-50 IK4001020 TMA FAULT 5

Alarm	Attributes	Supported releases
Name: TMA FAULT 5 InfoKey number: IK4001020 5620 SAM ID: 2963 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified TMA fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-51 IK4001021 TMA HW FAILURE

Alarm	Attributes	Supported releases
Name: TMA HW FAILURE InfoKey number: IK4001021 5620 SAM ID: 2964 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a general TMA HW failure.		
Impact: The TMA is out of service.		
Remedial action: Replace the TMA.		

Table 19-52 IK4001022 TMA BYPASS MODE

Alarm	Attributes	Supported releases
Name: TMA BYPASS MODE InfoKey number: IK4001022 5620 SAM ID: 2965 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that TMA is in bypass mode and is not providing RF gain.		
Impact: The TMA is out of service.		
Remedial action: If TMA fault is present then replace TMA, otherwise set TMA to Bypass Off (when supported).		

Table 19-53 IK4002001 AMR INIT FAILURE

Alarm	Attributes	Supported releases
Name: AMR INIT FAILURE InfoKey number: IK4002001 5620 SAM ID: 2137 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to initialize the RF cabinet alarm module.		
Impact: The RF module is out of service.		
Remedial action: Check the cabling between TRDU and AMR. If the alarm persists, reset one or more of the TRDUs, or replace the AMR.		

Table 19-54 IK4002002 AMR COMM FAIL

Alarm	Attributes	Supported releases
Name: AMR COMM FAIL InfoKey number: IK4002002 5620 SAM ID: 2138 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the loss of communication with RF cabinet Alarm Module.		
Impact: The RF module is out of service.		
Remedial action: Check the cabling between TRDU and AMR. If the alarm persists, reset one or more of the TRDUs, or replace the AMR.		

Table 19-55 IK4002003 AMR UNREADABLE MANUFACTURER DATA

Alarm	Attributes	Supported releases
Name: AMR UNREADABLE MANUFACTURER DATA InfoKey number: IK4002003 5620 SAM ID: 2139 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to read the RF cabinet alarm module manufacturer data.		
Impact: The RF module is out of service.		
Remedial action: Check the cabling between TRDU and AMR. If the alarm persists, reset one or more of the TRDUs, or replace the AMR.		

Table 19-56 IK4002004 AMR FAN ALARM

Alarm	Attributes	Supported releases
Name: AMR FAN ALARM InfoKey number: IK4002004 5620 SAM ID: 2140 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RF cabinet fan is out of service.		
Impact: The RF cabinet components may fail due to overheating.		
Remedial action: Replace the fan of the RF cabinet.		

Table 19-57 IK4002005 AMR DOOR ALARM

Alarm	Attributes	Supported releases
Name: AMR DOOR ALARM InfoKey number: IK4002005 5620 SAM ID: 2141 Type: environmentalAlarm Alarm type ID: 2	Severity: minor Object type (class): AMR Default probable cause: enclosureDoorOpen Default probable cause ID: 900 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RF cabinet door is open.		
Impact: The RF cabinet equipment is accessible and easily tampered. No immediate impact on call processing.		
Remedial action: Close the cabinet door.		

Table 19-58 IK4002006 AMR OVER TEMP

Alarm	Attributes	Supported releases
Name: AMR OVER TEMP InfoKey number: IK4002006 5620 SAM ID: 2142 Type: environmentalAlarm Alarm type ID: 2	Severity: major Object type (class): AMR Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RF cabinet temperature is above the safe operating temperature.		
Impact: The RF cabinet components may fail due to overheating.		
Remedial action: Check the cabinet for proper functioning fans and clean air filters. Check if the ambient temperature is within the recommended operating range.		

Table 19-59 IK4002007 AMR FAF

Alarm	Attributes	Supported releases
Name: AMR FAF InfoKey number: IK4002007 5620 SAM ID: 2143 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RF cabinet filter airflow is reduced.		
Impact: The RF cabinet components may fail due to overheating.		
Remedial action: Replace the fresh air filter.		

Table 19-60 IK4002008 AMR_EXTERNAL_CONTACT_CHANGE_1

Alarm	Attributes	Supported releases
Name: AMR_EXTERNAL_CONTACT_CHANGE_1 InfoKey number: IK4002008 5620 SAM ID: 2144 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the RF cabinet external alarm has changed state.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment for an alarm condition.		

Table 19-61 IK4002009 AMR_EXTERNAL_CONTACT_CHANGE_2

Alarm	Attributes	Supported releases
Name: AMR_EXTERNAL_CONTACT_CHANGE_2 InfoKey number: IK4002009 5620 SAM ID: 2145 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the RF cabinet external alarm has changed state.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment for an alarm condition.		

Table 19-62 IK4002010 AMR_EXTERNAL_CONTACT_CHANGE_3

Alarm	Attributes	Supported releases
Name: AMR_EXTERNAL_CONTACT_CHANGE_3 InfoKey number: IK4002010 5620 SAM ID: 2146 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the RF cabinet external alarm has changed state.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment for an alarm condition.		

Table 19-63 IK4002011 AMR_EXTERNAL_CONTACT_CHANGE_4

Alarm	Attributes	Supported releases
Name: AMR_EXTERNAL_CONTACT_CHANGE_4 InfoKey number: IK4002011 5620 SAM ID: 2147 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the RF cabinet external alarm has changed state.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment for an alarm condition.		

Table 19-64 IK4002012 AMR_EXTERNAL_CONTACT_CHANGE_5

Alarm	Attributes	Supported releases
Name: AMR_EXTERNAL_CONTACT_CHANGE_5 InfoKey number: IK4002012 5620 SAM ID: 2148 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the RF cabinet external alarm has changed state.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment for an alarm condition.		

Table 19-65 IK4002013 AMR_EXTERNAL_CONTACT_CHANGE_6

Alarm	Attributes	Supported releases
Name: AMR_EXTERNAL_CONTACT_CHANGE_6 InfoKey number: IK4002013 5620 SAM ID: 2149 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the RF cabinet external alarm has changed state.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment for an alarm condition.		

Table 19-66 IK4002014 AMR_EXTERNAL_CONTACT_CHANGE_7

Alarm	Attributes	Supported releases
Name: AMR_EXTERNAL_CONTACT_CHANGE_7 InfoKey number: IK4002014 5620 SAM ID: 2150 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the RF cabinet external alarm has changed state.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment for an alarm condition.		

Table 19-67 IK4002015 AMR_EXTERNAL_CONTACT_CHANGE_8

Alarm	Attributes	Supported releases
Name: AMR_EXTERNAL_CONTACT_CHANGE_8 InfoKey number: IK4002015 5620 SAM ID: 2151 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the RF cabinet external alarm has changed state.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment for an alarm condition.		

Table 19-68 IK4002016 AMR FAULT 1

Alarm	Attributes	Supported releases
Name: AMR FAULT 1 InfoKey number: IK4002016 5620 SAM ID: 2966 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">• FDD LA4.0• TDD TLA3.0• TDD TLA4.0
Description: An unspecified AMR fault has been detected.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-69 IK4002017 AMR FAULT 2

Alarm	Attributes	Supported releases
Name: AMR FAULT 2 InfoKey number: IK4002017 5620 SAM ID: 2967 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">• FDD LA4.0• TDD TLA3.0• TDD TLA4.0
Description: An unspecified AMR fault has been detected.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-70 IK4002018 AMR FAULT 3

Alarm	Attributes	Supported releases
Name: AMR FAULT 3 InfoKey number: IK4002018 5620 SAM ID: 2968 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">• FDD LA4.0• TDD TLA3.0• TDD TLA4.0
Description: An unspecified AMR fault has been detected.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-71 IK4002019 AMR FAULT 4

Alarm	Attributes	Supported releases
Name: AMR FAULT 4 InfoKey number: IK4002019 5620 SAM ID: 2969 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: An unspecified AMR fault has been detected.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-72 IK4002020 AMR FAULT 5

Alarm	Attributes	Supported releases
Name: AMR FAULT 5 InfoKey number: IK4002020 5620 SAM ID: 2970 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: An unspecified AMR fault has been detected.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-73 IK4003003 BB INIT FAILURE

Alarm	Attributes	Supported releases
Name: BB INIT FAILURE InfoKey number: IK4003003 5620 SAM ID: 2152 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the BB initialization failure.		
Impact: The BB is completely or partially affected. The service impact depends on the eNodeB configuration.		
Remedial action: Reset BB. Use the reset command on the SAM, or reset using the remote connection to NEM. If the alarm persists, replace BB.		

Table 19-74 IK4003008 BB LOSS OF COMM

Alarm	Attributes	Supported releases
Name: BB LOSS OF COMM InfoKey number: IK4003008 5620 SAM ID: 2153 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): BBCardSpecifics Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the loss of layer 3 communication to the modem.		
Impact: The module is not usable. The service impact depends on the eNodeB configuration.		
Remedial action: Check for BB connection at every stage. If the alarms persist, perform the following tasks sequentially:1. Check if BB is present in the cabinet, remove and reinsert BB.2. Replace BB.3. Check the back panel and replace CB.4. Call next level of support.		

Table 19-75 IK4003042 BB FAULT BIST FAIL

Alarm	Attributes	Supported releases
Name: BB FAULT BIST FAIL InfoKey number: IK4003042 5620 SAM ID: 2154 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a Built In Self Test failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, replace if problem persist		

Table 19-76 IK4003043 BB FAULT DOWNLOAD FAILURE

Alarm	Attributes	Supported releases
Name: BB FAULT DOWNLOAD FAILURE InfoKey number: IK4003043 5620 SAM ID: 2155 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a software download failure.		
Impact: No impact on eNodeB.		
Remedial action: Retry the download. If the problem persists, contact the next level support.		

Table 19-77 IK4003044 BB OVER TEMP MAJOR

Alarm	Attributes	Supported releases
Name: BB OVER TEMP MAJOR InfoKey number: IK4003044 5620 SAM ID: 2156 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the modem temperature is rising to the shutdown limit.		
Impact: If the alarm persists, it will impact the LTE service on this BB.		
Remedial action: Check for proper fan operation and that the fan type is compatible with the BB type, check that DBU inlet temperature is within operating range.		

Table 19-78 IK4003045 BB OVER TEMP CRITICAL

Alarm	Attributes	Supported releases
Name: BB OVER TEMP CRITICAL InfoKey number: IK4003045 5620 SAM ID: 2157 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the modem temperature is above operating range.		
Impact: LTE service is not possible on this BB.		
Remedial action: Check for proper fan operation and that the fan type is compatible with the BB type, check that DBU inlet temperature is within operating range.		

Table 19-79 IK4003046 BB SOFTWARE FAIL

Alarm	Attributes	Supported releases
Name: BB SOFTWARE FAIL InfoKey number: IK4003046 5620 SAM ID: 2158 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a general platform software failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB.		

Table 19-80 IK4003047 BB L1 SOFTWARE FAIL

Alarm	Attributes	Supported releases
Name: BB L1 SOFTWARE FAIL InfoKey number: IK4003047 5620 SAM ID: 2159 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates a Layer 1 software failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB.		

Table 19-81 IK4003048 BB L1 HARDWARE FAIL

Alarm	Attributes	Supported releases
Name: BB L1 HARDWARE FAIL InfoKey number: IK4003048 5620 SAM ID: 2160 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a Layer 1 hardware failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB, replace the BB if problem persists.		

Table 19-82 IK4003049 BB L2 SOFTWARE FAIL

Alarm	Attributes	Supported releases
Name: BB L2 SOFTWARE FAIL InfoKey number: IK4003049 5620 SAM ID: 2161 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates a Layer 2 software failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB.		

Table 19-83 IK4003050 BB L1 SOFTWARE WARNING

Alarm	Attributes	Supported releases
Name: BB L1 SOFTWARE WARNING InfoKey number: IK4003050 5620 SAM ID: 2162 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a Layer 1 software warning.		
Impact: No impact on eNodeB.		
Remedial action: Reset the BB in low traffic hours.		

Table 19-84 IK4003051 BB L2 SOFTWARE WARNING

Alarm	Attributes	Supported releases
Name: BB L2 SOFTWARE WARNING InfoKey number: IK4003051 5620 SAM ID: 2163 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a Layer 2 software warning.		
Impact: No impact on eNodeB.		
Remedial action: Reset the BB in low traffic hours.		

Table 19-85 IK4003052 BB L2 HARDWARE FAIL

Alarm	Attributes	Supported releases
Name: BB L2 HARDWARE FAIL InfoKey number: IK4003052 5620 SAM ID: 2164 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a Layer 2 hardware failure.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB, replace the BB if problem persists.		

Table 19-86 IK4003053 BB LOSS OF HS DATA LINK ALL

Alarm	Attributes	Supported releases
Name: BB LOSS OF HS DATA LINK ALL InfoKey number: IK4003053 5620 SAM ID: 2165 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a loss of high-speed data links to all BBs.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset the BB and/or CB, if problem persists then replace the BB or CB.		

Table 19-87 IK4003054 BB LED FAILURE

Alarm	Attributes	Supported releases
Name: BB LED FAILURE InfoKey number: IK4003054 5620 SAM ID: 2166 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure to control face-plate LEDs.		
Impact: No impact on eNodeB.		
Remedial action: Reset the BB in low traffic hours.		

Table 19-88 IK4003055 BB NON CPU POWER FAILURE

Alarm	Attributes	Supported releases
Name: BB NON CPU POWER FAILURE InfoKey number: IK4003055 5620 SAM ID: 2167 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a BB power failure to the peripheral devices except the Ethernet switch and the P4080.		
Impact: LTE service is not provided on this BB.		
Remedial action: Replace the BB.		

Table 19-89 IK4003056 BB HS DATA LINK SYNC FAULT

Alarm	Attributes	Supported releases
Name: BB HS DATA LINK SYNC FAULT InfoKey number: IK4003056 5620 SAM ID: 2168 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure to synchronize SFN to modem.		
Impact: LTE service is not provided on this BB.		
Remedial action: Reset the BB.		

Table 19-90 IK4003057 BB L1 SOFTWARE FAIL SLICE 1

Alarm	Attributes	Supported releases
Name: BB L1 SOFTWARE FAIL SLICE 1 InfoKey number: IK4003057 5620 SAM ID: 2169 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

Table 19-91 IK4003058 BB L1 SOFTWARE FAIL SLICE 2

Alarm	Attributes	Supported releases
Name: BB L1 SOFTWARE FAIL SLICE 2 InfoKey number: IK4003058 5620 SAM ID: 2170 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

Table 19-92 IK4003059 BB L1 SOFTWARE FAIL SLICE 3

Alarm	Attributes	Supported releases
Name: BB L1 SOFTWARE FAIL SLICE 3 InfoKey number: IK4003059 5620 SAM ID: 2171 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

Table 19-93 IK4003060 BB L2 SOFTWARE FAIL SLICE 1

Alarm	Attributes	Supported releases
Name: BB L2 SOFTWARE FAIL SLICE 1 InfoKey number: IK4003060 5620 SAM ID: 2172 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

Table 19-94 IK4003061 BB L2 SOFTWARE FAIL SLICE 2

Alarm	Attributes	Supported releases
Name: BB L2 SOFTWARE FAIL SLICE 2 InfoKey number: IK4003061 5620 SAM ID: 2173 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

Table 19-95 IK4003062 BB L2 SOFTWARE FAIL SLICE 3

Alarm	Attributes	Supported releases
Name: BB L2 SOFTWARE FAIL SLICE 3 InfoKey number: IK4003062 5620 SAM ID: 2174 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a software failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB.		

Table 19-96 IK4003063 BB L2 HARDWARE FAIL SLICE 1

Alarm	Attributes	Supported releases
Name: BB L2 HARDWARE FAIL SLICE 1 InfoKey number: IK4003063 5620 SAM ID: 2175 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a hardware failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB, replace the BB if problem persists.		

Table 19-97 IK4003064 BB L2 HARDWARE FAIL SLICE 2

Alarm	Attributes	Supported releases
Name: BB L2 HARDWARE FAIL SLICE 2 InfoKey number: IK4003064 5620 SAM ID: 2176 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a hardware failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB, replace the BB if problem persists.		

Table 19-98 IK4003065 BB L2 HARDWARE FAIL SLICE 3

Alarm	Attributes	Supported releases
Name: BB L2 HARDWARE FAIL SLICE 3 InfoKey number: IK4003065 5620 SAM ID: 2177 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a hardware failure on the BB.		
Impact: LTE service is not possible on this BB slice.		
Remedial action: Reset the BB, replace the BB if problem persists.		

Table 19-99 IK4003066 BB L1 SOFTWARE WARNING SLICE 1

Alarm	Attributes	Supported releases
Name: BB L1 SOFTWARE WARNING SLICE 1 InfoKey number: IK4003066 5620 SAM ID: 2178 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

Table 19-100 IK4003067 BB L1 SOFTWARE WARNING SLICE 2

Alarm	Attributes	Supported releases
Name: BB L1 SOFTWARE WARNING SLICE 2 InfoKey number: IK4003067 5620 SAM ID: 2179 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

Table 19-101 IK4003068 BB L1 SOFTWARE WARNING SLICE 3

Alarm	Attributes	Supported releases
Name: BB L1 SOFTWARE WARNING SLICE 3 InfoKey number: IK4003068 5620 SAM ID: 2180 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

Table 19-102 IK4003069 BB L2 SOFTWARE WARNING SLICE 1

Alarm	Attributes	Supported releases
Name: BB L2 SOFTWARE WARNING SLICE 1 InfoKey number: IK4003069 5620 SAM ID: 2181 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

Table 19-103 IK4003070 BB L2 SOFTWARE WARNING SLICE 2

Alarm	Attributes	Supported releases
Name: BB L2 SOFTWARE WARNING SLICE 2 InfoKey number: IK4003070 5620 SAM ID: 2182 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

Table 19-104 IK4003071 BB L2 SOFTWARE WARNING SLICE 3

Alarm	Attributes	Supported releases
Name: BB L2 SOFTWARE WARNING SLICE 3 InfoKey number: IK4003071 5620 SAM ID: 2183 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a software warning on the BB.		
Impact: No impact on eNodeB.		
Remedial action: Reset BB in low traffic hours.		

Table 19-105 IK4003072 BB FAULT 1

Alarm	Attributes	Supported releases
Name: BB FAULT 1 InfoKey number: IK4003072 5620 SAM ID: 2971 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-106 IK4003073 BB FAULT 2

Alarm	Attributes	Supported releases
Name: BB FAULT 2 InfoKey number: IK4003073 5620 SAM ID: 2972 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-107 IK4003074 BB FAULT 3

Alarm	Attributes	Supported releases
Name: BB FAULT 3 InfoKey number: IK4003074 5620 SAM ID: 2973 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-108 IK4003075 BB FAULT 4

Alarm	Attributes	Supported releases
Name: BB FAULT 4 InfoKey number: IK4003075 5620 SAM ID: 2974 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-109 IK4003076 BB FAULT 5

Alarm	Attributes	Supported releases
Name: BB FAULT 5 InfoKey number: IK4003076 5620 SAM ID: 2975 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-110 IK4003077 BB LOSS OF HS DATA LINK 1

Alarm	Attributes	Supported releases
Name: BB LOSS OF HS DATA LINK 1 InfoKey number: IK4003077 5620 SAM ID: 2976 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure of the BB to CB link.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

Table 19-111 IK4003078 BB LOSS OF HS DATA LINK 2

Alarm	Attributes	Supported releases
Name: BB LOSS OF HS DATA LINK 2 InfoKey number: IK4003078 5620 SAM ID: 2977 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure of the BB to CB link.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

Table 19-112 IK4003079 BB LOSS OF HS DATA LINK 3

Alarm	Attributes	Supported releases
Name: BB LOSS OF HS DATA LINK 3 InfoKey number: IK4003079 5620 SAM ID: 2978 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure of the BB to CB link.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

Table 19-113 IK4003080 BB LOSS OF HS DATA LINK 4

Alarm	Attributes	Supported releases
Name: BB LOSS OF HS DATA LINK 4 InfoKey number: IK4003080 5620 SAM ID: 2979 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure of the BB to CB link.		
Impact: LTE service is not possible on this BB.		
Remedial action: Reset BB, reset CB, replace BB or CB if problem persists.		

Table 19-114 IK4004001 CB INIT FAILURE

Alarm	Attributes	Supported releases
Name: CB INIT FAILURE InfoKey number: IK4004001 5620 SAM ID: 2184 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to initialize the associated resources.		
Impact: The LTE service is not possible.		
Remedial action: Reset CB using the remote connection to NEM. If the alarm persists, replace the CB.		

Table 19-115 IK4004002 CB OSC LOSS

Alarm	Attributes	Supported releases
Name: CB OSC LOSS InfoKey number: IK4004002 5620 SAM ID: 2185 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a hardware failure of the oscillator.		
Impact: The module is not usable. The eNodeB is not operational.		
Remedial action: If the alarm persists for more than a minute, replace the CB.		

Table 19-116 IK4004009 CB FILE SYSTEM ACCESS FAILURE

Alarm	Attributes	Supported releases
Name: CB FILE SYSTEM ACCESS FAILURE InfoKey number: IK4004009 5620 SAM ID: 2186 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to access files in a partition of the CB file system.		
Impact: Software download is not possible.		
Remedial action: Reset the CB. If the alarm persists, replace the CB.		

Table 19-117 IK4004011 CB FLYWHEEL CRITICAL

Alarm	Attributes	Supported releases
Name: CB FLYWHEEL CRITICAL InfoKey number: IK4004011 5620 SAM ID: 2187 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The timing reference source (e.g., GPS or 1588) has been unavailable for too long and timing may have drifted enough to cause RF violations.		
Impact: The LTE service is not possible.		
Remedial action: Selected timing reference source must be functional and meeting specification, else Flywheeling is triggered. Check for reference source alarms:GPS RECEIVERGPS 1PPS LOSSLOSS OF ESYNCPTP LOSS OF PRIMARY SYNC		

Table 19-118 IK4004012 CB FLYWHEEL MAJOR

Alarm	Attributes	Supported releases
Name: CB FLYWHEEL MAJOR InfoKey number: IK4004012 5620 SAM ID: 2188 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The timing reference source (e.g., GPS or 1588) has been unavailable for an extended time and timing may have drifted enough.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Selected timing reference source must be functional and meeting specification, else Flywheeling is triggered. Check for reference source alarms:GPS RECEIVERGPS 1PPS LOSSLOSS OF ESYNCPTP LOSS OF PRIMARY SYNC		

Table 19-119 IK4004013 CB FLYWHEEL MINOR

Alarm	Attributes	Supported releases
Name: CB FLYWHEEL MINOR InfoKey number: IK4004013 5620 SAM ID: 2189 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The timing reference source (e.g., GPS or 1588) has been unavailable for an extended time and timing may have drifted enough.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Selected timing reference source must be functional and meeting specification, else Flywheeling is triggered. Check for reference source alarms:GPS RECEIVERGPS 1PPS LOSSLOSS OF ESYNCPTP LOSS OF PRIMARY SYNC		

Table 19-120 IK4004014 CB FLYWHEEL START

Alarm	Attributes	Supported releases
Name: CB FLYWHEEL START InfoKey number: IK4004014 5620 SAM ID: 2190 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): CCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The timing reference source (e.g., GPS or 1588) is not available.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Selected timing reference source must be functional and meeting specification, else Flywheeling is triggered. Check for reference source alarms:GPS RECEIVERGPS 1PPS LOSSLOSS OF ESYNCPTP LOSS OF PRIMARY SYNC		

Table 19-121 IK4004015 CB CPU OCCUP CRITICAL

Alarm	Attributes	Supported releases
Name: CB CPU OCCUP CRITICAL InfoKey number: IK4004015 5620 SAM ID: 2191 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): CCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the CB processor is overloaded.		
Impact: Impacts the LTE service.		
Remedial action: Check the on-going Call Trace or Dynamic Debug Trace sessions. Disable them to free up processor time. Reset CB when possible.		

Table 19-122 IK4004016 CB CPU OCCUP MAJOR

Alarm	Attributes	Supported releases
Name: CB CPU OCCUP MAJOR InfoKey number: IK4004016 5620 SAM ID: 2192 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): CbCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the CB processor is heavily loaded.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check the on-going Call Trace or Dynamic Debug Trace sessions. Disable them.		

Table 19-123 IK4004017 CB CPU OCCUP MINOR

Alarm	Attributes	Supported releases
Name: CB CPU OCCUP MINOR InfoKey number: IK4004017 5620 SAM ID: 2193 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): CbCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the CB processor is becoming loaded.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check the on-going Call Trace or Dynamic Debug Trace sessions. Disable them.		

Table 19-124 IK4004018 CB TRANS LSL CPRI PORT 1

Alarm	Attributes	Supported releases
Name: CB TRANS LSL CPRI PORT 1 InfoKey number: IK4004018 5620 SAM ID: 2194 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 19-125 IK4004019 CB TRANS LSL CPRIPORT 2

Alarm	Attributes	Supported releases
Name: CB TRANS LSL CPRIPORT 2 InfoKey number: IK4004019 5620 SAM ID: 2195 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 19-126 IK4004020 CB TRANS LSL CPRIPORT 3

Alarm	Attributes	Supported releases
Name: CB TRANS LSL CPRIPORT 3 InfoKey number: IK4004020 5620 SAM ID: 2196 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 19-127 IK4004021 CB TRANS LSL CPRIPORT 4

Alarm	Attributes	Supported releases
Name: CB TRANS LSL CPRIPORT 4 InfoKey number: IK4004021 5620 SAM ID: 2197 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 19-128 IK4004022 CB TRANS LSL CPRIPORT 5

Alarm	Attributes	Supported releases
Name: CB TRANS LSL CPRIPORT 5 InfoKey number: IK4004022 5620 SAM ID: 2198 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 19-129 IK4004023 CB TRANS LSL CPRIPORT 6

Alarm	Attributes	Supported releases
Name: CB TRANS LSL CPRIPORT 6 InfoKey number: IK4004023 5620 SAM ID: 2199 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The incoming optical signal level for this CPRI port is very low.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary.		

Table 19-130 IK4004024 CB RAI CPRIPORT 1

Alarm	Attributes	Supported releases
Name: CB RAI CPRIPORT 1 InfoKey number: IK4004024 5620 SAM ID: 2200 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

Table 19-131 IK4004025 CB RAI CPRI PORT 2

Alarm	Attributes	Supported releases
Name: CB RAI CPRI PORT 2 InfoKey number: IK4004025 5620 SAM ID: 2201 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

Table 19-132 IK4004026 CB RAI CPRI PORT 3

Alarm	Attributes	Supported releases
Name: CB RAI CPRI PORT 3 InfoKey number: IK4004026 5620 SAM ID: 2202 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

Table 19-133 IK4004027 CB RAI CPRI PORT 4

Alarm	Attributes	Supported releases
Name: CB RAI CPRI PORT 4 InfoKey number: IK4004027 5620 SAM ID: 2203 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

Table 19-134 IK4004028 CB RAI CPRI PORT 5

Alarm	Attributes	Supported releases
Name: CB RAI CPRI PORT 5 InfoKey number: IK4004028 5620 SAM ID: 2204 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

Table 19-135 IK4004029 CB RAI CPRI PORT 6

Alarm	Attributes	Supported releases
Name: CB RAI CPRI PORT 6 InfoKey number: IK4004029 5620 SAM ID: 2205 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The first RFM on the CPRI port is reporting a CPRI link alarm.		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link connections, cables, and SFPs and replace as necessary. Reset or replace CB if problem persists.		

Table 19-136 IK4004030 CB LOS LOF CPRI PORT 1

Alarm	Attributes	Supported releases
Name: CB LOS LOF CPRI PORT 1 InfoKey number: IK4004030 5620 SAM ID: 2206 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

Table 19-137 IK4004031 CB LOS LOF CPRI PORT 2

Alarm	Attributes	Supported releases
Name: CB LOS LOF CPRI PORT 2 InfoKey number: IK4004031 5620 SAM ID: 2207 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

Table 19-138 IK4004032 CB LOS LOF CPRI PORT 3

Alarm	Attributes	Supported releases
Name: CB LOS LOF CPRI PORT 3 InfoKey number: IK4004032 5620 SAM ID: 2208 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

Table 19-139 IK4004033 CB LOS LOF CPRI PORT 4

Alarm	Attributes	Supported releases
Name: CB LOS LOF CPRI PORT 4 InfoKey number: IK4004033 5620 SAM ID: 2209 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

Table 19-140 IK4004034 CB LOS LOF CPRIPORT 5

Alarm	Attributes	Supported releases
Name: CB LOS LOF CPRIPORT 5 InfoKey number: IK4004034 5620 SAM ID: 2210 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

Table 19-141 IK4004035 CB LOS LOF CPRIPORT 6

Alarm	Attributes	Supported releases
Name: CB LOS LOF CPRIPORT 6 InfoKey number: IK4004035 5620 SAM ID: 2211 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the CPRI link from the first RFM on this port has failed (Loss of signal and/or loss of framing)		
Impact: Impacts the LTE service.		
Remedial action: Check the CPRI link cable and SFPs (CB and RFM) for failures, otherwise reset the RFM or reset the CB		

Table 19-142 IK4004036 CB TRANS TX FAILURE CPRIPORT 1

Alarm	Attributes	Supported releases
Name: CB TRANS TX FAILURE CPRIPORT 1 InfoKey number: IK4004036 5620 SAM ID: 2212 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 19-143 IK4004037 CB TRANS TX FAILURE CPRI PORT 2

Alarm	Attributes	Supported releases
Name: CB TRANS TX FAILURE CPRI PORT 2 InfoKey number: IK4004037 5620 SAM ID: 2213 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 19-144 IK4004038 CB TRANS TX FAILURE CPRI PORT 3

Alarm	Attributes	Supported releases
Name: CB TRANS TX FAILURE CPRI PORT 3 InfoKey number: IK4004038 5620 SAM ID: 2214 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 19-145 IK4004039 CB TRANS TX FAILURE CPRI PORT 4

Alarm	Attributes	Supported releases
Name: CB TRANS TX FAILURE CPRI PORT 4 InfoKey number: IK4004039 5620 SAM ID: 2215 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 19-146 IK4004040 CB TRANS TX FAILURE CPRI PORT 5

Alarm	Attributes	Supported releases
Name: CB TRANS TX FAILURE CPRI PORT 5 InfoKey number: IK4004040 5620 SAM ID: 2216 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 19-147 IK4004041 CB TRANS TX FAILURE CPRI PORT 6

Alarm	Attributes	Supported releases
Name: CB TRANS TX FAILURE CPRI PORT 6 InfoKey number: IK4004041 5620 SAM ID: 2217 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure in the CB CPRI port transmitter.		
Impact: Impacts the LTE service.		
Remedial action: Replace the SFP for this port.		

Table 19-148 IK4004042 CB TRANS RX LOS CPRI PORT 1

Alarm	Attributes	Supported releases
Name: CB TRANS RX LOS CPRI PORT 1 InfoKey number: IK4004042 5620 SAM ID: 2218 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

Table 19-149 IK4004043 CB TRANS RX LOS CPRI PORT 2

Alarm	Attributes	Supported releases
Name: CB TRANS RX LOS CPRI PORT 2 InfoKey number: IK4004043 5620 SAM ID: 2219 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

Table 19-150 IK4004044 CB TRANS RX LOS CPRI PORT 3

Alarm	Attributes	Supported releases
Name: CB TRANS RX LOS CPRI PORT 3 InfoKey number: IK4004044 5620 SAM ID: 2220 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

Table 19-151 IK4004045 CB TRANS RX LOS CPRI PORT 4

Alarm	Attributes	Supported releases
Name: CB TRANS RX LOS CPRI PORT 4 InfoKey number: IK4004045 5620 SAM ID: 2221 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

Table 19-152 IK4004046 CB TRANS RX LOS CPRI PORT 5

Alarm	Attributes	Supported releases
Name: CB TRANS RX LOS CPRI PORT 5 InfoKey number: IK4004046 5620 SAM ID: 2222 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

Table 19-153 IK4004047 CB TRANS RX LOS CPRI PORT 6

Alarm	Attributes	Supported releases
Name: CB TRANS RX LOS CPRI PORT 6 InfoKey number: IK4004047 5620 SAM ID: 2223 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: No CPRI signal is received at this CPRI port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end), verify the RFM is operating.		

Table 19-154 IK4004048 CB SFP MISSING CPRI PORT 1

Alarm	Attributes	Supported releases
Name: CB SFP MISSING CPRI PORT 1 InfoKey number: IK4004048 5620 SAM ID: 2980 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a missing SFP in this CPRI port.		
Impact: Impacts the LTE service.		
Remedial action: If SFP was intentionally removed then reset the CB in low traffic hours to clear the alarm. Otherwise replace SFP.		

Table 19-155 IK4004049 CB SFP MISSING CPRI PORT 2

Alarm	Attributes	Supported releases
Name: CB SFP MISSING CPRI PORT 2 InfoKey number: IK4004049 5620 SAM ID: 2981 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a missing SFP in this CPRI port.		
Impact: Impacts the LTE service.		
Remedial action: If SFP was intentionally removed then reset the CB in low traffic hours to clear the alarm. Otherwise replace SFP.		

Table 19-156 IK4004050 CB SFP MISSING CPRI PORT 3

Alarm	Attributes	Supported releases
Name: CB SFP MISSING CPRI PORT 3 InfoKey number: IK4004050 5620 SAM ID: 2982 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a missing SFP in this CPRI port.		
Impact: Impacts the LTE service.		
Remedial action: If SFP was intentionally removed then reset the CB in low traffic hours to clear the alarm. Otherwise replace SFP.		

Table 19-157 IK4004051 CB SFP MISSING CPRI PORT 4

Alarm	Attributes	Supported releases
Name: CB SFP MISSING CPRI PORT 4 InfoKey number: IK4004051 5620 SAM ID: 2983 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a missing SFP in this CPRI port.		
Impact: Impacts the LTE service.		
Remedial action: If SFP was intentionally removed then reset the CB in low traffic hours to clear the alarm. Otherwise replace SFP.		

Table 19-158 IK4004052 CB SFP MISSING CPRI PORT 5

Alarm	Attributes	Supported releases
Name: CB SFP MISSING CPRI PORT 5 InfoKey number: IK4004052 5620 SAM ID: 2984 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a missing SFP in this CPRI port.		
Impact: Impacts the LTE service.		
Remedial action: If SFP was intentionally removed then reset the CB in low traffic hours to clear the alarm. Otherwise replace SFP.		

Table 19-159 IK4004053 CB SFP MISSING CPRI PORT 6

Alarm	Attributes	Supported releases
Name: CB SFP MISSING CPRI PORT 6 InfoKey number: IK4004053 5620 SAM ID: 2985 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a missing SFP in this CPRI port.		
Impact: Impacts the LTE service.		
Remedial action: If SFP was intentionally removed then reset the CB in low traffic hours to clear the alarm. Otherwise replace SFP.		

Table 19-160 IK4004054 CB SDI CPRI PORT 1

Alarm	Attributes	Supported releases
Name: CB SDI CPRI PORT 1 InfoKey number: IK4004054 5620 SAM ID: 2224 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

Table 19-161 IK4004055 CB SDI CPRI PORT 2

Alarm	Attributes	Supported releases
Name: CB SDI CPRI PORT 2 InfoKey number: IK4004055 5620 SAM ID: 2225 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

Table 19-162 IK4004056 CB SDI CPRI PORT 3

Alarm	Attributes	Supported releases
Name: CB SDI CPRI PORT 3 InfoKey number: IK4004056 5620 SAM ID: 2226 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

Table 19-163 IK4004057 CB SDI CPRI PORT 4

Alarm	Attributes	Supported releases
Name: CB SDI CPRI PORT 4 InfoKey number: IK4004057 5620 SAM ID: 2227 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

Table 19-164 IK4004058 CB SDI CPRI PORT 5

Alarm	Attributes	Supported releases
Name: CB SDI CPRI PORT 5 InfoKey number: IK4004058 5620 SAM ID: 2228 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

Table 19-165 IK4004059 CB SDI CPRI PORT 6

Alarm	Attributes	Supported releases
Name: CB SDI CPRI PORT 6 InfoKey number: IK4004059 5620 SAM ID: 2229 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: One or more data channels on this CPRI have failed.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM.		

Table 19-166 IK4004060 CB ALL SFP MISSING

Alarm	Attributes	Supported releases
Name: CB ALL SFP MISSING InfoKey number: IK4004060 5620 SAM ID: 2230 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: All SFP are missing.		
Impact: Impacts the LTE service.		
Remedial action: If SFPs are present then reset CB to clear the alarm.		

Table 19-167 IK4004061 CB ALL CPRI PORTS FAILED

Alarm	Attributes	Supported releases
Name: CB ALL CPRI PORTS FAILED InfoKey number: IK4004061 5620 SAM ID: 2231 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure of all CPRI ports.		
Impact: The LTE service is not possible.		
Remedial action: Reset CB using the remote connection to NEM. If the alarm persists, replace the CB.		

Table 19-168 IK4004062 CB MEMORY USAGE CRITICAL

Alarm	Attributes	Supported releases
Name: CB MEMORY USAGE CRITICAL InfoKey number: IK4004062 5620 SAM ID: 2232 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the critical threshold for memory usage is crossed.		
Impact: The LTE service is not possible.		
Remedial action: Reset CB using the remote connection to NEM. Call the next level of support.		

Table 19-169 IK4004063 CB MEMORY USAGE MAJOR

Alarm	Attributes	Supported releases
Name: CB MEMORY USAGE MAJOR InfoKey number: IK4004063 5620 SAM ID: 2233 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the major threshold for memory usage is crossed.		
Impact: If the alarm persists, it will impact the LTE Service.		
Remedial action: Reset CB using the remote connection to NEM. Call the next level of support.		

Table 19-170 IK4004064 CB MEMORY USAGE MINOR

Alarm	Attributes	Supported releases
Name: CB MEMORY USAGE MINOR InfoKey number: IK4004064 5620 SAM ID: 2234 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the minor threshold for memory usage is crossed.		
Impact: If the alarm persists, it will impact the LTE Service.		
Remedial action: Call the next level of support.		

Table 19-171 IK4004065 CB GPS 1PPS LOSS

Alarm	Attributes	Supported releases
Name: CB GPS 1PPS LOSS InfoKey number: IK4004065 5620 SAM ID: 2235 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the loss of GPS receiver 1PPS signal.		
Impact: eNodeB uses a lower priority clock reference source or goes into holdover.		
Remedial action: Check GPS signal, GPS antenna, external GPS receiver if present. If fault persist, call next level of support		

Table 19-172 IK4004066 CB TRANS LSL BHPORT 1

Alarm	Attributes	Supported releases
Name: CB TRANS LSL BHPORT 1 InfoKey number: IK4004066 5620 SAM ID: 2236 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the received optical signal level is very low on the backhaul port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and SFPs at CB and RFM.		

Table 19-173 IK4004067 CB TRANS LSL BHPORT 2

Alarm	Attributes	Supported releases
Name: CB TRANS LSL BHPORT 2 InfoKey number: IK4004067 5620 SAM ID: 2237 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the received optical signal level is very low on the backhaul port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and SFPs at CB and RFM.		

Table 19-174 IK4004072 CB OSC IN WARMUP

Alarm	Attributes	Supported releases
Name: CB OSC IN WARMUP InfoKey number: IK4004072 5620 SAM ID: 2238 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates the CB timing oscillator is below its operating temperature range.		
Impact: The LTE service is not possible during the warm up of the oscillator module.		
Remedial action: Wait for the oscillator module to warm up, worst case delay is 12 minutes at -5°C cold start.. If the alarm persists and ambient temperature is within normal operating range then replace the CB.		

Table 19-175 IK4004073 CB OSC OVER TEMP

Alarm	Attributes	Supported releases
Name: CB OSC OVER TEMP InfoKey number: IK4004073 5620 SAM ID: 2239 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the CB timing oscillator temperature is above the specification limit.		
Impact: The LTE performance is low.		
Remedial action: Check for proper fan operation and that fan is compatible with modem unit, check DBU inlet temperature is within operating range. Replace the CB if necessary.		

Table 19-176 IK4004074 CB GEO LOC PHASE SYNC

Alarm	Attributes	Supported releases
Name: CB GEO LOC PHASE SYNC InfoKey number: IK4004074 5620 SAM ID: 2240 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the eNodeB clock phase alignment is insufficient to support location based service. Not supported in LA2.0.		
Impact: Impacts the location-based service.		
Remedial action: Check for GPS and Holdover alarms - Location-based service unavailable if a) GPS reference has failed b) GPS reference has been regained but phase is outside tolerance. Wait, check in hour. If alarm persists with no GPS alarms, replace CB		

Table 19-177 IK4004075 CB SYSTEM CLOCK UNAVAILABLE

Alarm	Attributes	Supported releases
Name: CB SYSTEM CLOCK UNAVAILABLE InfoKey number: IK4004075 5620 SAM ID: 2241 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the system clock is not available. The alarm is applicable for 1588 system clock, syncE, GPS and external reference sources.		
Impact: Impacts the LTE service.		
Remedial action: Check the synchronization sources and provisioning.		

Table 19-178 IK4004076 CB LOSS OF PRIMARY REFERENCE

Alarm	Attributes	Supported releases
Name: CB LOSS OF PRIMARY REFERENCE InfoKey number: IK4004076 5620 SAM ID: 2242 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates that the primary reference source is not available.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Check the primary reference source.		

Table 19-179 IK4004077 CB 1588 CLIENT INITIALIZING 1

Alarm	Attributes	Supported releases
Name: CB 1588 CLIENT INITIALIZING 1 InfoKey number: IK4004077 5620 SAM ID: 2243 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the 1588 client algorithm is stabilizing from a cold start-up. Not supported in LA2.0.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: If alarm continues assess the Packet delay variation on the Network Interface.		

Table 19-180 IK4004078 CB 1588 CLIENT INITIALIZING 2

Alarm	Attributes	Supported releases
Name: CB 1588 CLIENT INITIALIZING 2 InfoKey number: IK4004078 5620 SAM ID: 2244 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the 1588 client algorithm is stabilizing from a cold start-up. Not supported in LA2.0.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: If alarm continues assess the Packet delay variation on the Network Interface.		

Table 19-181 IK4004079 CB 1588 LOSS PRIMARY SERVER

Alarm	Attributes	Supported releases
Name: CB 1588 LOSS PRIMARY SERVER InfoKey number: IK4004079 5620 SAM ID: 2245 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1
Description: This alarm indicates the lack of ANNOUNCE messages from the primary server.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Check the primary server.		

Table 19-182 IK4004080 CB 1588 LOSS SECONDARY SERVER

Alarm	Attributes	Supported releases
Name: CB 1588 LOSS SECONDARY SERVER InfoKey number: IK4004080 5620 SAM ID: 2246 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1
Description: This alarm indicates the lack of ANNOUNCE messages from the secondary server.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Check the secondary server.		

Table 19-183 IK4004081 CB LOSS OF SYNCE

Alarm	Attributes	Supported releases
Name: CB LOSS OF SYNCE InfoKey number: IK4004081 5620 SAM ID: 2247 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: The SyncE timing reference is not available.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: The Backhaul Node connecting to the eNB cannot supply an accurate Synchronous Ethernet clock. Check the clock source on this Backhaul Node.		

Table 19-184 IK4004082 CB GPS ANT

Alarm	Attributes	Supported releases
Name: CB GPS ANT InfoKey number: IK4004082 5620 SAM ID: 2248 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a GPS antenna failure.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Check the GPS antenna.		

Table 19-185 IK4004083 CB GPS RECEIVER

Alarm	Attributes	Supported releases
Name: CB GPS RECEIVER InfoKey number: IK4004083 5620 SAM ID: 2249 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The GPS receiver has failed and cannot provide a timing reference signal.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Ensure that eNodeB has completed initialization. Check the cable connection to the External GPS Receiver if equipped, replace receiver if necessary. If internal receiver then replace the CB.		

Table 19-186 IK4004084 CB GPS ANT POSITION UNKNOWN

Alarm	Attributes	Supported releases
Name: CB GPS ANT POSITION UNKNOWN InfoKey number: IK4004084 5620 SAM ID: 2250 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates a failure to detect the GPS antenna position.		
Impact: Impacts the location-based service.		
Remedial action: Check the position of the GPS antenna.		

Table 19-187 IK4004091 CB LOS LOF HSIQPORT 1

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 1 InfoKey number: IK4004091 5620 SAM ID: 2251 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 19-188 IK4004092 CB LOS LOF HSIQPORT 2

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 2 InfoKey number: IK4004092 5620 SAM ID: 2252 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 19-189 IK4004093 CB LOS LOF HSIQPORT 3

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 3 InfoKey number: IK4004093 5620 SAM ID: 2253 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 19-190 IK4004094 CB LOS LOF HSIQPORT 4

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 4 InfoKey number: IK4004094 5620 SAM ID: 2254 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 19-191 IK4004095 CB LOS LOF HSIQPORT 5

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 5 InfoKey number: IK4004095 5620 SAM ID: 2255 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 19-192 IK4004096 CB LOS LOF HSIQPORT 6

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 6 InfoKey number: IK4004096 5620 SAM ID: 2256 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 19-193 IK4004097 CB LOS LOF HSIQPORT 7

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 7 InfoKey number: IK4004097 5620 SAM ID: 2257 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 19-194 IK4004098 CB LOS LOF HSIQPORT 8

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 8 InfoKey number: IK4004098 5620 SAM ID: 2258 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 19-195 IK4004099 CB LOS LOF HSIQPORT 9

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 9 InfoKey number: IK4004099 5620 SAM ID: 2259 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 19-196 IK4004100 CB LOS LOF HSIQPORT 10

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 10 InfoKey number: IK4004100 5620 SAM ID: 2260 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 19-197 IK4004101 CB LOS LOF HSIQPORT 11

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 11 InfoKey number: IK4004101 5620 SAM ID: 2261 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 19-198 IK4004102 CB LOS LOF HSIQPORT 12

Alarm	Attributes	Supported releases
Name: CB LOS LOF HSIQPORT 12 InfoKey number: IK4004102 5620 SAM ID: 2262 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a loss of signal between BB and CB.		
Impact: No impact on eNodeB.		
Remedial action: Replace the BB if a single port fault is present. If link faults exist across multiple ports then replace the CB.		

Table 19-199 IK4004104 CB GPS RECEIVER COMM FAIL

Alarm	Attributes	Supported releases
Name: CB GPS RECEIVER COMM FAIL InfoKey number: IK4004104 5620 SAM ID: 2263 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The CB cannot communicate with the GPS receiver.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Ensure that eNodeB has completed initialization. Check the cable connection to the External GPS Receiver if equipped, replace receiver if necessary. If internal receiver then replace the CB.		

Table 19-200 IK4004105 CB THRESHOLD CRITICAL DP 1

Alarm	Attributes	Supported releases
Name: CB THRESHOLD CRITICAL DP 1 InfoKey number: IK4004105 5620 SAM ID: 2264 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates the drift point 1 threshold crossing.		
Impact: The LTE service is not possible.		
Remedial action: Check the synchronization sources and provisioning.		

Table 19-201 IK4004106 CB THRESHOLD CRITICAL DP 2

Alarm	Attributes	Supported releases
Name: CB THRESHOLD CRITICAL DP 2 InfoKey number: IK4004106 5620 SAM ID: 2265 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates the drift point 2 threshold crossing.		
Impact: The LTE service is not possible.		
Remedial action: Check the synchronization sources and provisioning.		

Table 19-202 IK4004107 CB THRESHOLD CRITICAL DP 3

Alarm	Attributes	Supported releases
Name: CB THRESHOLD CRITICAL DP 3 InfoKey number: IK4004107 5620 SAM ID: 2266 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates the drift point 3 threshold crossing.		
Impact: The LTE service is not possible.		
Remedial action: Check the synchronization sources and provisioning.		

Table 19-203 IK4004108 CB THRESHOLD CRITICAL DP 4

Alarm	Attributes	Supported releases
Name: CB THRESHOLD CRITICAL DP 4 InfoKey number: IK4004108 5620 SAM ID: 2267 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates the drift point 4 threshold crossing.		
Impact: The LTE service is not possible.		
Remedial action: Check the synchronization sources and provisioning.		

Table 19-204 IK4004109 CB THRESHOLD MAJOR DP 1

Alarm	Attributes	Supported releases
Name: CB THRESHOLD MAJOR DP 1 InfoKey number: IK4004109 5620 SAM ID: 2268 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates the drift point 1 threshold crossing. The OTDOA facility can no longer be supported.		
Impact: The OTDOA facility can no longer be supported.		
Remedial action: Check the synchronization sources and provisioning. Check for GPS and Holdover alarms - Location-based service unavailable if a) GPS reference has failed b) GPS reference has been regained but phase is outside tolerance. Wait, check in hour. If alarm persists with no GPS alarms, replace CB		

Table 19-205 IK4004110 CB THRESHOLD MAJOR DP 2

Alarm	Attributes	Supported releases
Name: CB THRESHOLD MAJOR DP 2 InfoKey number: IK4004110 5620 SAM ID: 2269 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates the drift point 2 threshold crossing. The LTE to HRPD non-optimized handover can no longer be supported for Ues that require SystemTimeInfo IE in SIB8.		
Impact: The LTE to HRPD non-optimized handover can no longer be supported for Ues that require SystemTimeInfo IE in SIB8.		
Remedial action: Check the synchronization sources and provisioning. Check for GPS and Holdover alarms - Handover to HRPD unavailable if sync has drifted due to holdover. Fix GPS problem.		

Table 19-206 IK4004111 CB THRESHOLD MAJOR DP 3

Alarm	Attributes	Supported releases
Name: CB THRESHOLD MAJOR DP 3 InfoKey number: IK4004111 5620 SAM ID: 2270 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates the drift point 3 threshold crossing.		
Impact: The LTE service is degraded.		
Remedial action: Check the synchronization sources and provisioning.		

Table 19-207 IK4004112 CB THRESHOLD MAJOR DP 4

Alarm	Attributes	Supported releases
Name: CB THRESHOLD MAJOR DP 4 InfoKey number: IK4004112 5620 SAM ID: 2271 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates the drift point 4 threshold crossing.		
Impact: The LTE service is degraded.		
Remedial action: Check the synchronization sources and provisioning.		

Table 19-208 IK4004113 CB THRESHOLD MINOR DP 1

Alarm	Attributes	Supported releases
Name: CB THRESHOLD MINOR DP 1 InfoKey number: IK4004113 5620 SAM ID: 2272 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates the drift point 1 threshold crossing.		
Impact: The LTE service is degraded.		
Remedial action: Check the synchronization sources and provisioning.		

Table 19-209 IK4004114 CB THRESHOLD MINOR DP 2

Alarm	Attributes	Supported releases
Name: CB THRESHOLD MINOR DP 2 InfoKey number: IK4004114 5620 SAM ID: 2273 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates the drift point 2 threshold crossing.		
Impact: The LTE service is degraded.		
Remedial action: Check the synchronization sources and provisioning.		

Table 19-210 IK4004115 CB THRESHOLD MINOR DP 3

Alarm	Attributes	Supported releases
Name: CB THRESHOLD MINOR DP 3 InfoKey number: IK4004115 5620 SAM ID: 2274 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates the drift point 3 threshold crossing.		
Impact: The LTE service is degraded.		
Remedial action: Check the synchronization sources and provisioning.		

Table 19-211 IK4004116 CB THRESHOLD MINOR DP 4

Alarm	Attributes	Supported releases
Name: CB THRESHOLD MINOR DP 4 InfoKey number: IK4004116 5620 SAM ID: 2275 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates the drift point 4 threshold crossing.		
Impact: The LTE service is degraded.		
Remedial action: Check the synchronization sources and provisioning.		

Table 19-212 IK4004117 CB OVER TEMP MAJOR

Alarm	Attributes	Supported releases
Name: CB OVER TEMP MAJOR InfoKey number: IK4004117 5620 SAM ID: 2276 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the CB temperature is rising near the shutdown limit.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check for fan failure or high ambient temperature.		

Table 19-213 IK4004118 CB OVER TEMP CRITICAL

Alarm	Attributes	Supported releases
Name: CB OVER TEMP CRITICAL InfoKey number: IK4004118 5620 SAM ID: 2277 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the CB temperature is above the operating range.		
Impact: The LTE service is not possible.		
Remedial action: CB autonomously powers down. Check for fan failure or high ambient temperature.		

Table 19-214 IK4004135 CB UNEXPECTED LONG INITIALIZATION

Alarm	Attributes	Supported releases
Name: CB UNEXPECTED LONG INITIALIZATION InfoKey number: IK4004135 5620 SAM ID: 2294 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates that 1588 client has taken longer than expected to achieve complete synchronization.		
Impact: The LTE service is not possible with 1588 PTP as synchronization reference. However, the eNB may synchronize to an alternative available source.		
Remedial action: Verify 1588 grandmaster is operating correctly, check network conditions, otherwise reset the CB. Note: if eNB has synchronized to an alternative available source, then reset of CB will be service impacting.		

Table 19-215 IK4004136 CB GPS LOCK FAILURE CRITICAL

Alarm	Attributes	Supported releases
Name: CB GPS LOCK FAILURE CRITICAL InfoKey number: IK4004136 5620 SAM ID: 2295 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that GPS satellite lock has been lost prior to achieving the synchronization		
Impact: The LTE service is not possible.		
Remedial action: Check the GPS antenna placement, GPS antenna status, or GPS antenna cable. Replace the External GPS Receiver or CB (if using internal GPS receiver).		

Table 19-216 IK4004137 CB GPS LOCK FAILURE MAJOR

Alarm	Attributes	Supported releases
Name: CB GPS LOCK FAILURE MAJOR InfoKey number: IK4004137 5620 SAM ID: 2296 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that GPS satellite lock has been lost after timing has been synchronized.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check the GPS antenna placement, GPS antenna status, or GPS antenna cable. Replace the External GPS Receiver or CB (if using internal GPS receiver).		

Table 19-217 IK4004139 CB LOOPBACK INACTIVITY

Alarm	Attributes	Supported releases
Name: CB LOOPBACK INACTIVITY InfoKey number: IK4004139 5620 SAM ID: 2298 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates there is no packet activity for the interval specified in the loopback activation.		
Impact: No impact on eNodeB.		
Remedial action: Reset the CB. Call the next level of support		

Table 19-218 IK4004140 CB TOD OUT OF SYNC

Alarm	Attributes	Supported releases
Name: CB TOD OUT OF SYNC InfoKey number: IK4004140 5620 SAM ID: 2299 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the GPS timing pulses may be missing or incorrect.		
Impact: No impact on eNodeB.		
Remedial action: Replace the External GPS Receiver or CB (if using internal GPS receiver).		

Table 19-219 IK4004141 CB PTP LOSS OF PRIMARY SYNCHRONIZATION

Alarm	Attributes	Supported releases
Name: CB PTP LOSS OF PRIMARY SYNCHRONIZATION InfoKey number: IK4004141 5620 SAM ID: 2986 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0
Description: This alarm indicates a loss of synchronization with the primary 1588 grandmaster server.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check configuration of link to 1588 Grandmaster is correct.If problem persists check the packet delay variation on the eNb backhaul interface.		

Table 19-220 IK4004142 CB PTP LOSS OF SECONDARY SYNCHRONIZATION

Alarm	Attributes	Supported releases
Name: CB PTP LOSS OF SECONDARY SYNCHRONIZATION InfoKey number: IK4004142 5620 SAM ID: 2987 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0
Description: This alarm indicates a loss of synchronization with the secondary 1588 grandmaster server.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check configuration of link to 1588 Grandmaster is correct.If problem persists check the packet delay variation on the eNb backhaul interface.		

Table 19-221 IK4004144 CB FAULT 1

Alarm	Attributes	Supported releases
Name: CB FAULT 1 InfoKey number: IK4004144 5620 SAM ID: 2988 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified CB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-222 IK4004145 CB FAULT 2

Alarm	Attributes	Supported releases
Name: CB FAULT 2 InfoKey number: IK4004145 5620 SAM ID: 2989 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified CB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-223 IK4004146 CB FAULT 3

Alarm	Attributes	Supported releases
Name: CB FAULT 3 InfoKey number: IK4004146 5620 SAM ID: 2990 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified CB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-224 IK4004147 CB FAULT 4

Alarm	Attributes	Supported releases
Name: CB FAULT 4 InfoKey number: IK4004147 5620 SAM ID: 2991 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified CB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-225 IK4004148 CB FAULT 5

Alarm	Attributes	Supported releases
Name: CB FAULT 5 InfoKey number: IK4004148 5620 SAM ID: 2992 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified CB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-226 IK4004149 CB CONFIG NOT SUPPORTED WRONG SLOT

Alarm	Attributes	Supported releases
Name: CB CONFIG NOT SUPPORTED WRONG SLOT InfoKey number: IK4004149 5620 SAM ID: 2993 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that CB is not located in the correct slot.		
Impact: The LTE service is not possible.		
Remedial action: Move CB to the appropriate slot.		

Table 19-227 IK4004150 CB GPS INSUFFICIENT FIXED SATELLITES

Alarm	Attributes	Supported releases
Name: CB GPS INSUFFICIENT FIXED SATELLITES InfoKey number: IK4004150 5620 SAM ID: 2994 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0
Description: This alarm indicates that insufficient fixed satellites are available to get GPS synchronization.		
Impact: The GPS synchronisation is not possible.		
Remedial action: Check the GPS antenna location and status. Replace GPS antenna, cable or receiver if necessary.		

Table 19-228 IK4004151 CB GPS INSUFFICIENT VISIBLE SATELLITES

Alarm	Attributes	Supported releases
Name: CB GPS INSUFFICIENT VISIBLE SATELLITES InfoKey number: IK4004151 5620 SAM ID: 2995 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0
Description: This alarm indicates that insufficient visible satellites are available to get GPS synchronization.		
Impact: The GPS synchronisation is not possible.		
Remedial action: Check the GPS antenna location and status. Replace GPS antenna, cable or receiver if necessary.		

Table 19-229 IK4004152 CB INIT GPS SELF SURVEY

Alarm	Attributes	Supported releases
Name: CB INIT GPS SELF SURVEY InfoKey number: IK4004152 5620 SAM ID: 2996 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0
Description: This alarm indicates a high accuracy GPS survey has not been successfully completed after 24 hours.		
Impact: Synchronization accuracy too low to support OTDOA.		
Remedial action: Check GPS receiver.		

Table 19-230 IK4004153 CB INIT GPS SELF SURVEY INPROGRESS

Alarm	Attributes	Supported releases
Name: CB INIT GPS SELF SURVEY INPROGRESS InfoKey number: IK4004153 5620 SAM ID: 2997 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a high accuracy GPS survey has not been successfully completed after 24 hours.		
Impact: No impact on eNodeB.		
Remedial action: Wait. If the alarm persists beyond 10 hours, call the next level of support.		

Table 19-231 IK4004154 CB LOOPBACK INACTIVITY

Alarm	Attributes	Supported releases
Name: CB LOOPBACK INACTIVITY InfoKey number: IK4004154 5620 SAM ID: 2998 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates there is no packet activity for the interval specified in the loopback activation.		
Impact: No impact on eNodeB.		
Remedial action: Reset the CB. Call the next level of support		

Table 19-232 IK4004155 CB PTP CLIENT INITIALIZING 1

Alarm	Attributes	Supported releases
Name: CB PTP CLIENT INITIALIZING 1 InfoKey number: IK4004155 5620 SAM ID: 3637 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that the 1588 client algorithm is stabilizing from a cold start-up.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: If alarm continues assess the Packet delay variation on the Network Interface.		

Table 19-233 IK4004156 CB PTP CLIENT INITIALIZING 2

Alarm	Attributes	Supported releases
Name: CB PTP CLIENT INITIALIZING 2 InfoKey number: IK4004156 5620 SAM ID: 3638 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that the 1588 client algorithm is stabilizing from a cold start-up.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: If alarm continues assess the Packet delay variation on the Network Interface.		

Table 19-234 IK4004157 CB GPS LOCK FAILURE

Alarm	Attributes	Supported releases
Name: CB GPS LOCK FAILURE InfoKey number: IK4004157 5620 SAM ID: 3639 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that GPS satellite lock has been lost after timing has been synchronized.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check the GPS antenna placement, GPS antenna status, or GPS antenna cable. Replace the External GPS Receiver or CB (if using internal GPS receiver).		

Table 19-235 IK4004158 CB OSC IN WARMUP

Alarm	Attributes	Supported releases
Name: CB OSC IN WARMUP InfoKey number: IK4004158 5620 SAM ID: 3640 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates the CB timing oscillator is below its operating temperature range.		
Impact: The LTE service is not possible during the warm up of the oscillator module.		
Remedial action: Wait for the oscillator module to warm up, worst case delay is 12 minutes at -5°C cold start. If the alarm persists and ambient temperature is within normal operating range then replace the CB.		

Table 19-236 IK4004159 CB LOSS OF PRIMARY REFERENCE

Alarm	Attributes	Supported releases
Name: CB LOSS OF PRIMARY REFERENCE InfoKey number: IK4004159 5620 SAM ID: 3641 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that the primary reference source is not available.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: Check the primary reference source.		

Table 19-237 IK4004160 CB LOSS OF SYNCE

Alarm	Attributes	Supported releases
Name: CB LOSS OF SYNCE InfoKey number: IK4004160 5620 SAM ID: 3642 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: The SyncE timing reference is not available.		
Impact: If the reference resource is immediately rectified, there is no impact on eNodeB.		
Remedial action: The Backhaul Node connecting to the eNB cannot supply an accurate Synchronous Ethernet clock. Check the clock source on this Backhaul Node.		

Table 19-238 IK4004161 CB GPS ANT POSITION UNKNOWN

Alarm	Attributes	Supported releases
Name: CB GPS ANT POSITION UNKNOWN InfoKey number: IK4004161 5620 SAM ID: 3643 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a failure to detect the GPS antenna position.		
Impact: Impacts the location-based service.		
Remedial action: Check the position of the GPS antenna.		

Table 19-239 IK4004162 CB PTP LOSS OF PRIMARY SYNCHRONIZATION

Alarm	Attributes	Supported releases
Name: CB PTP LOSS OF PRIMARY SYNCHRONIZATION InfoKey number: IK4004162 5620 SAM ID: 3644 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a loss of synchronization with the primary 1588 grandmaster server.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check configuration of link to 1588 Grandmaster is correct.If problem persists check the packet delay variation on the eNb backhaul interface.		

Table 19-240 IK4004163 CB PTP LOSS OF SECONDARY SYNCHRONIZATION

Alarm	Attributes	Supported releases
Name: CB PTP LOSS OF SECONDARY SYNCHRONIZATION InfoKey number: IK4004163 5620 SAM ID: 3645 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a loss of synchronization with the secondary 1588 grandmaster server.		
Impact: If the alarm persists, it will impact the LTE service.		
Remedial action: Check configuration of link to 1588 Grandmaster is correct.If problem persists check the packet delay variation on the eNb backhaul interface.		

Table 19-241 IK4004164 CB PTP UNEXPECTED LONG INITIALIZATION

Alarm	Attributes	Supported releases
Name: CB PTP UNEXPECTED LONG INITIALIZATION InfoKey number: IK4004164 5620 SAM ID: 3646 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that 1588 client has taken longer than expected to achieve complete synchronization.		
Impact: The LTE service is not possible with 1588 PTP as synchronization reference. However, the eNB may synchronize to an alternative available source.		
Remedial action: Verify 1588 grandmaster is operating correctly, check network conditions, otherwise reset the CB. Note: if eNB has synchronized to an alternative available source, then reset of CB will be service impacting.		

Table 19-242 IK4004165 CB INIT GPS SELF SURVEY

Alarm	Attributes	Supported releases
Name: CB INIT GPS SELF SURVEY InfoKey number: IK4004165 5620 SAM ID: 3647 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a high accuracy GPS survey has not been successfully completed after 24 hours.		
Impact: Synchronization accuracy too low to support OTDOA.		
Remedial action: Check GPS receiver.		

Table 19-243 IK4004166 CB GPS INSUFFICIENT FIXED SATELLITES

Alarm	Attributes	Supported releases
Name: CB GPS INSUFFICIENT FIXED SATELLITES InfoKey number: IK4004166 5620 SAM ID: 3648 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that insufficient fixed satellites are available to get GPS synchronization.		
Impact: The GPS synchronisation is not possible.		
Remedial action: Check the GPS antenna location and status. Replace GPS antenna, cable or receiver if necessary.		

Table 19-244 IK4004167 CB GPS INSUFFICIENT VISIBLE SATELLITES

Alarm	Attributes	Supported releases
Name: CB GPS INSUFFICIENT VISIBLE SATELLITES InfoKey number: IK4004167 5620 SAM ID: 3649 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that insufficient visible satellites are available to get GPS synchronization.		
Impact: The GPS synchronisation is not possible.		
Remedial action: Check the GPS antenna location and status. Replace GPS antenna, cable or receiver if necessary.		

Table 19-245 IK4004168 CB LOSS OF PHYSICAL CONNECTION WITH EXTERNAL CLOCK REFERENCE

Alarm	Attributes	Supported releases
Name: CB LOSS OF PHYSICAL CONNECTION WITH EXTERNAL CLOCK REFERENCE InfoKey number: IK4004168 5620 SAM ID: 3650 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA4.0
Description: This alarm indicates that the RJ45 port is not connected but the configuration requires to use the 1PPS and TOD from another board as the primary clock reference.		
Impact: Telecom: No telecom service possible. OAM: No impact on OAM service.		
Remedial action: Ensure that the configuration data consistently describes the eNodeB installation.		

Table 19-246 IK4005001 DBU INITIALIZATION FAILURE

Alarm	Attributes	Supported releases
Name: DBU INITIALIZATION FAILURE InfoKey number: IK4005001 5620 SAM ID: 2300 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to initialize the associated resources.		
Impact: The LTE service is not possible.		
Remedial action: Reset CB using the remote connection to NEM. Check BIST result. If the alarm persists, replace the CB.		

Table 19-247 IK4005002 DBU DOWNLOAD FAILURE

Alarm	Attributes	Supported releases
Name: DBU DOWNLOAD FAILURE InfoKey number: IK4005002 5620 SAM ID: 2301 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the failure to download the GPSAM FPGA.		
Impact: Generally, the supervision is reduced. On first installation, the LTE service is not possible. The GPSAM alarms and I And C parameters cannot be modified on the SAM.		
Remedial action: Reset the CB. If the alarm persists, replace the CB.		

Table 19-248 IK4005003 DBU MEMORY ACCESS FAILURE

Alarm	Attributes	Supported releases
Name: DBU MEMORY ACCESS FAILURE InfoKey number: IK4005003 5620 SAM ID: 2302 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to access the EEPROM on the eNodeB.		
Impact: The LTE service is not possible.		
Remedial action: Call the next level of support.		

Table 19-249 IK4005004 DBU UNREADABLE MANUFACTURER DATA

Alarm	Attributes	Supported releases
Name: DBU UNREADABLE MANUFACTURER DATA InfoKey number: IK4005004 5620 SAM ID: 2303 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to read the manufacturer data.		
Impact: The LTE service is not possible.		
Remedial action: Call the next level of support.		

Table 19-250 IK4005006 EXTERNAL CONTACT CHANGE 1

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 1 InfoKey number: IK4005006 5620 SAM ID: 2304 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-251 IK4005007 EXTERNAL CONTACT CHANGE 2

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 2 InfoKey number: IK4005007 5620 SAM ID: 2305 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-252 IK4005008 EXTERNAL CONTACT CHANGE 3

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 3 InfoKey number: IK4005008 5620 SAM ID: 2306 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-253 IK4005009 EXTERNAL CONTACT CHANGE 4

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 4 InfoKey number: IK4005009 5620 SAM ID: 2307 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-254 IK4005010 EXTERNAL CONTACT CHANGE 5

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 5 InfoKey number: IK4005010 5620 SAM ID: 2308 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-255 IK4005011 EXTERNAL CONTACT CHANGE 6

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 6 InfoKey number: IK4005011 5620 SAM ID: 2309 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-256 IK4005012 EXTERNAL CONTACT CHANGE 7

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 7 InfoKey number: IK4005012 5620 SAM ID: 2310 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-257 IK4005013 EXTERNAL CONTACT CHANGE 8

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 8 InfoKey number: IK4005013 5620 SAM ID: 2311 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-258 IK4005014 EXTERNAL CONTACT CHANGE 9

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 9 InfoKey number: IK4005014 5620 SAM ID: 2312 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-259 IK4005015 EXTERNAL CONTACT CHANGE 10

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 10 InfoKey number: IK4005015 5620 SAM ID: 2313 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-260 IK4005016 EXTERNAL CONTACT CHANGE 11

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 11 InfoKey number: IK4005016 5620 SAM ID: 2314 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-261 IK4005017 EXTERNAL CONTACT CHANGE 12

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 12 InfoKey number: IK4005017 5620 SAM ID: 2315 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-262 IK4005018 EXTERNAL CONTACT CHANGE 13

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 13 InfoKey number: IK4005018 5620 SAM ID: 2316 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-263 IK4005019 EXTERNAL CONTACT CHANGE 14

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 14 InfoKey number: IK4005019 5620 SAM ID: 2317 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-264 IK4005020 EXTERNAL CONTACT CHANGE 15

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 15 InfoKey number: IK4005020 5620 SAM ID: 2318 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-265 IK4005021 EXTERNAL CONTACT CHANGE 16

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 16 InfoKey number: IK4005021 5620 SAM ID: 2319 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-266 IK4005022 EXTERNAL CONTACT CHANGE 17

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 17 InfoKey number: IK4005022 5620 SAM ID: 2320 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-267 IK4005023 EXTERNAL CONTACT CHANGE 18

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 18 InfoKey number: IK4005023 5620 SAM ID: 2321 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-268 IK4005024 EXTERNAL CONTACT CHANGE 19

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 19 InfoKey number: IK4005024 5620 SAM ID: 2322 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-269 IK4005025 EXTERNAL CONTACT CHANGE 20

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 20 InfoKey number: IK4005025 5620 SAM ID: 2323 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-270 IK4005026 EXTERNAL CONTACT CHANGE 21

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 21 InfoKey number: IK4005026 5620 SAM ID: 2324 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-271 IK4005027 EXTERNAL CONTACT CHANGE 22

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 22 InfoKey number: IK4005027 5620 SAM ID: 2325 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-272 IK4005028 EXTERNAL CONTACT CHANGE 23

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 23 InfoKey number: IK4005028 5620 SAM ID: 2326 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-273 IK4005029 EXTERNAL CONTACT CHANGE 24

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 24 InfoKey number: IK4005029 5620 SAM ID: 2327 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-274 IK4005030 EXTERNAL CONTACT CHANGE 25

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 25 InfoKey number: IK4005030 5620 SAM ID: 2328 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-275 IK4005031 EXTERNAL CONTACT CHANGE 26

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 26 InfoKey number: IK4005031 5620 SAM ID: 2329 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-276 IK4005032 EXTERNAL CONTACT CHANGE 27

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 27 InfoKey number: IK4005032 5620 SAM ID: 2330 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-277 IK4005033 EXTERNAL CONTACT CHANGE 28

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 28 InfoKey number: IK4005033 5620 SAM ID: 2331 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-278 IK4005034 EXTERNAL CONTACT CHANGE 29

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 29 InfoKey number: IK4005034 5620 SAM ID: 2332 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-279 IK4005035 EXTERNAL CONTACT CHANGE 30

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 30 InfoKey number: IK4005035 5620 SAM ID: 2333 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-280 IK4005036 EXTERNAL CONTACT CHANGE 31

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 31 InfoKey number: IK4005036 5620 SAM ID: 2334 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-281 IK4005037 EXTERNAL CONTACT CHANGE 32

Alarm	Attributes	Supported releases
Name: EXTERNAL CONTACT CHANGE 32 InfoKey number: IK4005037 5620 SAM ID: 2335 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the change in external user alarm contact.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-282 IK4005038 DBU AC MAJOR

Alarm	Attributes	Supported releases
Name: DBU AC MAJOR InfoKey number: IK4005038 5620 SAM ID: 2336 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure of multiple rectifier components.		
Impact: No impact on eNodeB.		
Remedial action: Replace the failed rectifier component.		

Table 19-283 IK4005039 DBU AC MINOR

Alarm	Attributes	Supported releases
Name: DBU AC MINOR InfoKey number: IK4005039 5620 SAM ID: 2337 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a minor failure in the DC rectifier unit.		
Impact: No impact on eNodeB.		
Remedial action: Replace the failed fan or the rectifier component.		

Table 19-284 IK4005040 DBU AC INPUT OUT OF SPEC

Alarm	Attributes	Supported releases
Name: DBU AC INPUT OUT OF SPEC InfoKey number: IK4005040 5620 SAM ID: 2338 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the AC input voltage to the rectifiers is too high or too low.		
Impact: No impact on eNodeB.		
Remedial action: Verify and correct the AC power supply to the rectifiers.		

Table 19-285 IK4005041 DBU AC BATTERY CHARGING FAILURE

Alarm	Attributes	Supported releases
Name: DBU AC BATTERY CHARGING FAILURE InfoKey number: IK4005041 5620 SAM ID: 2339 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the eNodeB is operating on the battery power.		
Impact: The eNodeB is not operational due to the drained batteries.		
Remedial action: Verify and correct the AC power supply to the rectifiers. If the alarm persists, check and replace any failed rectifier components.		

Table 19-286 IK4005042 DBU FAN ALARM

Alarm	Attributes	Supported releases
Name: DBU FAN ALARM InfoKey number: IK4005042 5620 SAM ID: 2340 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the baseband cabinet fan failure.		
Impact: The baseband cabinet components may fail due to overheating.		
Remedial action: Replace the baseband cabinet fan.		

Table 19-287 IK4005043 DBU DOOR ALARM

Alarm	Attributes	Supported releases
Name: DBU DOOR ALARM InfoKey number: IK4005043 5620 SAM ID: 2341 Type: environmentalAlarm Alarm type ID: 2	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: enclosureDoorOpen Default probable cause ID: 900 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the eNodeB door is open.		
Impact: The eNodeB equipment is accessible and easily tampered. No immediate impact on call processing.		
Remedial action: Close the cabinet door.		

Table 19-288 IK4005044 DBU OVER TEMP

Alarm	Attributes	Supported releases
Name: DBU OVER TEMP InfoKey number: IK4005044 5620 SAM ID: 2342 Type: environmentalAlarm Alarm type ID: 2	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the baseband cabinet temperature is above the safe operating threshold.		
Impact: The eNodeB components may fail due to overheating.		
Remedial action: Check the cabinet for proper functioning fans and unclogged air filters. Check if the ambient temperature is within the recommended operating range.		

Table 19-289 IK4005045 DBU UNDER TEMP

Alarm	Attributes	Supported releases
Name: DBU UNDER TEMP InfoKey number: IK4005045 5620 SAM ID: 2343 Type: environmentalAlarm Alarm type ID: 2	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the baseband cabinet temperature is below the safe operating threshold.		
Impact: The eNodeB components may fail due to low temperature.		
Remedial action: Check if the ambient temperature is within the recommended operating range.		

Table 19-290 IK4005046 DBU FAF

Alarm	Attributes	Supported releases
Name: DBU FAF InfoKey number: IK4005046 5620 SAM ID: 2344 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the baseband cabinet filter airflow is reduced by excessive dirt.		
Impact: The eNodeB components may fail due to overheating.		
Remedial action: Replace the fresh air filter.		

Table 19-291 IK4005047 DBU AUX EQUIP

Alarm	Attributes	Supported releases
Name: DBU AUX EQUIP InfoKey number: IK4005047 5620 SAM ID: 2345 Type: communicationsAlarm Alarm type ID: 4	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates an error in the auxiliary telecom equipment in the eNodeB.		
Impact: The eNodeB external communication fails or is degraded.		
Remedial action: Check the auxiliary telecom equipment.		

Table 19-292 IK4005048 DBU RUC FAN FAILURE

Alarm	Attributes	Supported releases
Name: DBU RUC FAN FAILURE InfoKey number: IK4005048 5620 SAM ID: 2346 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates the failure of one or more fans in the RUC.		
Impact: No impact on eNodeB.		
Remedial action: Call the next level of support.		

Table 19-293 IK4005049 DBU PASSWORD ROLLBACK FAILURE

Alarm	Attributes	Supported releases
Name: DBU PASSWORD ROLLBACK FAILURE InfoKey number: IK4005049 5620 SAM ID: 2347 Type: securityServiceOrMechanismViolation Alarm type ID: 92	Severity: warning Object type (class): ENBShelfSpecifics Default probable cause: unauthorizedAccessAttempt Default probable cause ID: 800 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to rollback one or all passwords. Not supported in LA2.0.		
Impact: No impact on eNodeB.		
Remedial action: Call the next level of support.		

Table 19-294 IK4005050 DBU PASSWORD UPDATE FAILURE

Alarm	Attributes	Supported releases
Name: DBU PASSWORD UPDATE FAILURE InfoKey number: IK4005050 5620 SAM ID: 2348 Type: securityServiceOrMechanismViolation Alarm type ID: 92	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: unauthorizedAccessAttempt Default probable cause ID: 800 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to update the password. Not supported in LA2.0.		
Impact: No impact on eNodeB.		
Remedial action: User intervention is required to correct this inconsistency.		

Table 19-295 IK4005051 DBU BACKPLANE TYPE NOT SUPPORTED

Alarm	Attributes	Supported releases
Name: DBU BACKPLANE TYPE NOT SUPPORTED InfoKey number: IK4005051 5620 SAM ID: 2349 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBShelfSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the backplane type is not supported.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Proceed with a software upgrade.		

Table 19-296 IK4005052 DBU RUC FAN FAULT MAJOR

Alarm	Attributes	Supported releases
Name: DBU RUC FAN FAULT MAJOR InfoKey number: IK4005052 5620 SAM ID: 2350 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the fan assemblies cooling capacity has been degraded.		
Impact: No impact on eNodeB.		
Remedial action: Check the fan.		

Table 19-297 IK4005053 DBU RUC FAN FAULT CRITICAL

Alarm	Attributes	Supported releases
Name: DBU RUC FAN FAULT CRITICAL InfoKey number: IK4005053 5620 SAM ID: 2351 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBShelfSpecifics Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the fan assemblies is not functioning.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: HW autonomously powers down the system.		

Table 19-298 IK4005054 DBU WRONG FAN ASSEMBLY

Alarm	Attributes	Supported releases
Name: DBU WRONG FAN ASSEMBLY InfoKey number: IK4005054 5620 SAM ID: 2352 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a wrong flow RUC, specifically a normal-flow RUC being present when a high-flow RUC is needed.		
Impact: No impact on eNodeB.		
Remedial action: Call the next level of support.		

Table 19-299 IK4005055 DBU HEAT EXCHANGER

Alarm	Attributes	Supported releases
Name: DBU HEAT EXCHANGER InfoKey number: IK4005055 5620 SAM ID: 2999 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the cabinet heat exchanger has failed		
Impact: The eNodeB components may fail due to overheating.		
Remedial action: Replace the heat exchanger.		

Table 19-300 IK4005056 DBU FAULT 1

Alarm	Attributes	Supported releases
Name: DBU FAULT 1 InfoKey number: IK4005056 5620 SAM ID: 3000 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified DBU fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-301 IK4005057 DBU FAULT 2

Alarm	Attributes	Supported releases
Name: DBU FAULT 2 InfoKey number: IK4005057 5620 SAM ID: 3001 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified DBU fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-302 IK4005058 DBU FAULT 3

Alarm	Attributes	Supported releases
Name: DBU FAULT 3 InfoKey number: IK4005058 5620 SAM ID: 3002 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">• FDD LA4.0• TDD TLA3.0• TDD TLA4.0
Description: Unspecified DBU fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-303 IK4005059 DBU FAULT 4

Alarm	Attributes	Supported releases
Name: DBU FAULT 4 InfoKey number: IK4005059 5620 SAM ID: 3003 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">• FDD LA4.0• TDD TLA3.0• TDD TLA4.0
Description: Unspecified DBU fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-304 IK4005060 DBU FAULT 5

Alarm	Attributes	Supported releases
Name: DBU FAULT 5 InfoKey number: IK4005060 5620 SAM ID: 3004 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">• FDD LA4.0• TDD TLA3.0• TDD TLA4.0
Description: Unspecified DBU fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-305 IK4005061 DBU UNREADABLE MANUFACTURER DATA ATTACHED HW

Alarm	Attributes	Supported releases
Name: DBU UNREADABLE MANUFACTURER DATA ATTACHED HW InfoKey number: IK4005061 5620 SAM ID: 3005 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to read the manufacturer data of an attached HW (e.g. eAM or FAN)		
Impact: The LTE service is not possible.		
Remedial action: Reset the CB. Check the cable between controller and RUC.Call next level of support, replace RUC unit		

Table 19-306 IK4005062 DBU WRONG TECHNO MODE CONFIG

Alarm	Attributes	Supported releases
Name: DBU WRONG TECHNO MODE CONFIG InfoKey number: IK4005062 5620 SAM ID: 3006 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates an inconsistent technology mode configuration. No BBs to are assigned an CB while in single or dual technology.		
Impact: The LTE service is not possible.		
Remedial action: Correct the programming of the I and C Technology Mode parameter.		

Table 19-307 IK4005063 DBU DUAL CONTROLLER FOR SINGLE TECHNO MODE

Alarm	Attributes	Supported releases
Name: DBU DUAL CONTROLLER FOR SINGLE TECHNO MODE InfoKey number: IK4005063 5620 SAM ID: 3007 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates an inconsistent I and C technology mode configuration. Two CB are assigned as BB owners while in single technology.		
Impact: The LTE service is not possible.		
Remedial action: Correct the programming of the I and C Technology Mode parameter.		

Table 19-308 IK4006001 RFM SLAVE LINK LOF

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK LOF InfoKey number: IK4006001 5620 SAM ID: 2353 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-309 IK4006002 RFM SLAVE LINK LOS

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK LOS InfoKey number: IK4006002 5620 SAM ID: 2354 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that no signal is detected at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-310 IK4006003 RFM SLAVE LINK RAI

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK RAI InfoKey number: IK4006003 5620 SAM ID: 2355 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-311 IK4006004 RFM SLAVE SIGNAL LOW

Alarm	Attributes	Supported releases
Name: RFM SLAVE SIGNAL LOW InfoKey number: IK4006004 5620 SAM ID: 2356 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the optical signal strength is very low on the slave link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-312 IK4006005 RFM SLAVE SIGNAL SDI

Alarm	Attributes	Supported releases
Name: RFM SLAVE SIGNAL SDI InfoKey number: IK4006005 5620 SAM ID: 2357 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the incoming slave link SDI bit is set.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

Table 19-313 IK4006006 RFM COMM FAIL

Alarm	Attributes	Supported releases
Name: RFM COMM FAIL InfoKey number: IK4006006 5620 SAM ID: 2358 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): RFM Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that no management messages are received in the past 30 seconds, or no active C and M TCP connection.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Check the RFM, Fiber, and SFPs. Reset the CB.		

Table 19-314 IK4006007 RFM UNDER TEMP

Alarm	Attributes	Supported releases
Name: RFM UNDER TEMP InfoKey number: IK4006007 5620 SAM ID: 2359 Type: environmentalAlarm Alarm type ID: 2	Severity: minor Object type (class): RFM Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RFM is below the operating temperature, but is capable of transmitting.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-315 IK4006008 RFM WARM UP

Alarm	Attributes	Supported releases
Name: RFM WARM UP InfoKey number: IK4006008 5620 SAM ID: 2360 Type: environmentalAlarm Alarm type ID: 2	Severity: critical Object type (class): RFM Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RFM temperature is too low to generate RF.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Check the RFM environment temperature. If RFM has just initialized then wait for it to warm up.		

Table 19-316 IK4006009 RFM OVER TEMP WARNING

Alarm	Attributes	Supported releases
Name: RFM OVER TEMP WARNING InfoKey number: IK4006009 5620 SAM ID: 2361 Type: environmentalAlarm Alarm type ID: 2	Severity: minor Object type (class): RFM Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the RFM is rising near the shutdown limit.		
Impact: No impact on eNodeB.		
Remedial action: Check the RFM environment temperature.		

Table 19-317 IK4006010 RFM CRITICAL TEMP

Alarm	Attributes	Supported releases
Name: RFM CRITICAL TEMP InfoKey number: IK4006010 5620 SAM ID: 2362 Type: environmentalAlarm Alarm type ID: 2	Severity: critical Object type (class): RFM Default probable cause: heatingOrVentilationOrCoolingSystemProblem Default probable cause ID: 701 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RFM temperature is above the operating limit and the transmitter has shut down in an attempt to reduce the temperature.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Check the RFM environment temperature.		

Table 19-318 IK4006011 RFM ST CRITICAL FAIL

Alarm	Attributes	Supported releases
Name: RFM ST CRITICAL FAIL InfoKey number: IK4006011 5620 SAM ID: 2363 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the power-on self test detected a critical failure on the RFM. The alarm is cleared when the RFM is reset.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-319 IK4006012 RFM INIT FAILURE

Alarm	Attributes	Supported releases
Name: RFM INIT FAILURE InfoKey number: IK4006012 5620 SAM ID: 2364 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the FGPA download failure or unlocked PLLs. The evaluation occurs during initialization and the unit is not enabled.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-320 IK4006013 RFM SOFTWARE FAILURE

Alarm	Attributes	Supported releases
Name: RFM SOFTWARE FAILURE InfoKey number: IK4006013 5620 SAM ID: 2365 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): RFM Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the general software failures, including TCP/IP stack errors or TCP Allocate Packet errors. This alarm remains asserted for a minimum of 30 seconds.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: If the alarm doesn't clear in 30 seconds then reset the RFM. If the alarm persists, notify ALU support.		

Table 19-321 IK4006014 RFM SIGNAL QUALITY

Alarm	Attributes	Supported releases
Name: RFM SIGNAL QUALITY InfoKey number: IK4006014 5620 SAM ID: 2366 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RFM output spectrum is degraded, but the RF is still enabled.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM, if the problem persists then replace the RFM.		

Table 19-322 IK4006015 RFM RECV FAIL

Alarm	Attributes	Supported releases
Name: RFM RECV FAIL InfoKey number: IK4006015 5620 SAM ID: 2367 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure of both Rx1 and Rx2 or Rx1 failure and diversity is disabled.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset RFM. Use the reset command on the SAM, or reset using the remote connection to NEM. If the alarm persists, replace RFM.		

Table 19-323 IK4006016 RFM GAIN CONTROL WARNING

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING InfoKey number: IK4006016 5620 SAM ID: 2368 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-324 IK4006017 RFM TX1 FAIL

Alarm	Attributes	Supported releases
Name: RFM TX1 FAIL InfoKey number: IK4006017 5620 SAM ID: 2369 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure of the transmit chain. RF transmission is not possible on the first antenna port.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-325 IK4006018 RFM TX2 FAIL

Alarm	Attributes	Supported releases
Name: RFM TX2 FAIL InfoKey number: IK4006018 5620 SAM ID: 2370 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure of the transmit chain. RF transmission is not possible on the second antenna port.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-326 IK4006019 RFM GAIN CONTROL TX1

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL TX1 InfoKey number: IK4006019 5620 SAM ID: 2371 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the first transmit port gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-327 IK4006020 RFM GAIN CONTROL TX2

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL TX2 InfoKey number: IK4006020 5620 SAM ID: 2372 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the second transmit port gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-328 IK4006021 RFM RF OUTPUT OVRDRV TX1

Alarm	Attributes	Supported releases
Name: RFM RF OUTPUT OVRDRV TX1 InfoKey number: IK4006021 5620 SAM ID: 2373 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates excessive RF output. The RF is interrupted or clamped for hardware protection.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-329 IK4006022 RFM RF OUTPUT OVRDRV TX2

Alarm	Attributes	Supported releases
Name: RFM RF OUTPUT OVRDRV TX2 InfoKey number: IK4006022 5620 SAM ID: 2374 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates excessive RF output. The RF is interrupted or clamped for hardware protection.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-330 IK4006023 RFM RX1 FAILURE

Alarm	Attributes	Supported releases
Name: RFM RX1 FAILURE InfoKey number: IK4006023 5620 SAM ID: 2375 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Operation is degraded with a single receiver. Reset the RFM, otherwise replace the RFM when possible.		

Table 19-331 IK4006024 RFM RX2 FAILURE

Alarm	Attributes	Supported releases
Name: RFM RX2 FAILURE InfoKey number: IK4006024 5620 SAM ID: 2376 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Operation is degraded with a single receiver. Reset the RFM, otherwise replace the RFM when possible.		

Table 19-332 IK4006025 RFM DIV IMBALANCE

Alarm	Attributes	Supported releases
Name: RFM DIV IMBALANCE InfoKey number: IK4006025 5620 SAM ID: 2377 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates an imbalance between the two diversity receive signals.		
Impact: No impact on eNodeB.		
Remedial action: Check the antennas and antenna cables and connections. If the problem persists then replace the RFM.		

Table 19-333 IK4006027 RFM INPUT VOLTAGE FAIL

Alarm	Attributes	Supported releases
Name: RFM INPUT VOLTAGE FAIL InfoKey number: IK4006027 5620 SAM ID: 2378 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the input voltage is very high or very low.		
Impact: If the RRH is not usable, the associated LTE cells are not operational.		
Remedial action: Verify and correct the DC input voltage. If the alarm persists, replace the RFM.		

Table 19-334 IK4006028 RFM PWR CONVERTER FAIL

Alarm	Attributes	Supported releases
Name: RFM PWR CONVERTER FAIL InfoKey number: IK4006028 5620 SAM ID: 2379 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The RFM internal power converter has failed.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM, if the alarm persists, replace the RFM.		

Table 19-335 IK4006029 RFM CLOCK FAILURE

Alarm	Attributes	Supported releases
Name: RFM CLOCK FAILURE InfoKey number: IK4006029 5620 SAM ID: 2380 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The RFM cannot derive proper clock signal from the incoming CPRI link.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Verify the CPRI connection and reset the RFM. If the problem persists then replace the RFM.		

Table 19-336 IK4006030 RFM RF SYNTH FAIL

Alarm	Attributes	Supported releases
Name: RFM RF SYNTH FAIL InfoKey number: IK4006030 5620 SAM ID: 2381 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The RFM internal frequency synthesizer is out of lock.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the problem persists then replace the RFM.		

Table 19-337 IK4006031 RFM DIGITAL INPUT OVRDRV TX1

Alarm	Attributes	Supported releases
Name: RFM DIGITAL INPUT OVRDRV TX1 InfoKey number: IK4006031 5620 SAM ID: 2382 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

Table 19-338 IK4006032 RFM DIGITAL INPUT OVRDRV TX2

Alarm	Attributes	Supported releases
Name: RFM DIGITAL INPUT OVRDRV TX2 InfoKey number: IK4006032 5620 SAM ID: 2383 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

Table 19-339 IK4006034 RFM TX1 VSWR THRESH2

Alarm	Attributes	Supported releases
Name: RFM TX1 VSWR THRESH2 InfoKey number: IK4006034 5620 SAM ID: 2384 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-340 IK4006036 RFM TX2 VSWR THRESH2

Alarm	Attributes	Supported releases
Name: RFM TX2 VSWR THRESH2 InfoKey number: IK4006036 5620 SAM ID: 2385 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-341 IK4006039 RFM UNREADABLE MANUFACTURER DATA

Alarm	Attributes	Supported releases
Name: RFM UNREADABLE MANUFACTURER DATA InfoKey number: IK4006039 5620 SAM ID: 2386 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to read the manufacturer data.		
Impact: Cells related to RRH are out of service.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

Table 19-342 IK4006042 RFM DOWNLOAD FAILURE

Alarm	Attributes	Supported releases
Name: RFM DOWNLOAD FAILURE InfoKey number: IK4006042 5620 SAM ID: 2387 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): RFM Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the RFM software download failure.		
Impact: No impact on eNodeB.		
Remedial action: Reset the RFM to retry the download. If the problem persists, contact the next level support.		

Table 19-343 IK4006043 RFM EXTERNAL CONTACT CHANGE 1

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 1 InfoKey number: IK4006043 5620 SAM ID: 2388 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 19-344 IK4006044 RFM EXTERNAL CONTACT CHANGE 2

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 2 InfoKey number: IK4006044 5620 SAM ID: 2389 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 19-345 IK4006045 RFM EXTERNAL CONTACT CHANGE 3

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 3 InfoKey number: IK4006045 5620 SAM ID: 2390 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 19-346 IK4006046 RFM EXTERNAL CONTACT CHANGE 4

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 4 InfoKey number: IK4006046 5620 SAM ID: 2391 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 19-347 IK4006047 RFM EXTERNAL CONTACT CHANGE 5

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 5 InfoKey number: IK4006047 5620 SAM ID: 2392 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 19-348 IK4006048 RFM EXTERNAL CONTACT CHANGE 6

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 6 InfoKey number: IK4006048 5620 SAM ID: 2393 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 19-349 IK4006075 RFM BIST PARTIAL

Alarm	Attributes	Supported releases
Name: RFM BIST PARTIAL InfoKey number: IK4006075 5620 SAM ID: 2394 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that at least one failure was detected during power on self-test, but the unit may still be functional, though in a degraded state.		
Impact: The eNodeB performance is low.		
Remedial action: Replace the RFM.		

Table 19-350 IK4006076 RFM EQUIP FAIL TX1

Alarm	Attributes	Supported releases
Name: RFM EQUIP FAIL TX1 InfoKey number: IK4006076 5620 SAM ID: 2395 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the RFM.		

Table 19-351 IK4006077 RFM EQUIP FAIL TX2

Alarm	Attributes	Supported releases
Name: RFM EQUIP FAIL TX2 InfoKey number: IK4006077 5620 SAM ID: 2396 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the RFM.		

Table 19-352 IK4006078 RFM TX1 VSWR THRESH1

Alarm	Attributes	Supported releases
Name: RFM TX1 VSWR THRESH1 InfoKey number: IK4006078 5620 SAM ID: 2397 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-353 IK4006079 RFM TX2 VSWR THRESH1

Alarm	Attributes	Supported releases
Name: RFM TX2 VSWR THRESH1 InfoKey number: IK4006079 5620 SAM ID: 2398 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-354 IK4006080 RFM RX1 VSWR THRESH

Alarm	Attributes	Supported releases
Name: RFM RX1 VSWR THRESH InfoKey number: IK4006080 5620 SAM ID: 2399 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the Rx VSWR test detected a THRESH Level violation.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead. If the alarm persists, replace the RFM.		

Table 19-355 IK4006081 RFM RX2 VSWR THRESH

Alarm	Attributes	Supported releases
Name: RFM RX2 VSWR THRESH InfoKey number: IK4006081 5620 SAM ID: 2400 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the Rx VSWR test detected a THRESH Level violation.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead. If the alarm persists, replace the RFM.		

Table 19-356 IK4006082 RFM OPERATION PROCESSING FAILURE

Alarm	Attributes	Supported releases
Name: RFM OPERATION PROCESSING FAILURE InfoKey number: IK4006082 5620 SAM ID: 2401 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): RFM Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the fault in the RFM software processing.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the problem persists, contact the next level support.		

Table 19-357 IK4006083 RFM LNA1 FAIL

Alarm	Attributes	Supported releases
Name: RFM LNA1 FAIL InfoKey number: IK4006083 5620 SAM ID: 2402 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the external filter module has detected an LNA failure.		
Impact: No impact on eNodeB.		
Remedial action: Replace the external filter module.		

Table 19-358 IK4006084 RFM LNA2 FAIL

Alarm	Attributes	Supported releases
Name: RFM LNA2 FAIL InfoKey number: IK4006084 5620 SAM ID: 2403 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the external filter module has detected an LNA failure.		
Impact: No impact on eNodeB.		
Remedial action: Replace the external filter module.		

Table 19-359 IK4006085 RFM EXTERNAL UNIT COMM FAIL

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL UNIT COMM FAIL InfoKey number: IK4006085 5620 SAM ID: 2404 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the loss of communication with external alarm or filter module.		
Impact: No impact on eNodeB.		
Remedial action: Check external module and cable, replace if necessary.		

Table 19-360 IK4006086 RFM RF TEST EQUIP FAIL

Alarm	Attributes	Supported releases
Name: RFM RF TEST EQUIP FAIL InfoKey number: IK4006086 5620 SAM ID: 2405 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates a failure of the RFM onboard RF test equipment.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-361 IK4006087 RFM CELL BLOCK

Alarm	Attributes	Supported releases
Name: RFM CELL BLOCK InfoKey number: IK4006087 5620 SAM ID: 2406 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: Internal signal between RFM and CB.		
Impact: The eNodeB performance is low.		
Remedial action: No action is required.		

Table 19-362 IK4006088 RFM CELL KILL

Alarm	Attributes	Supported releases
Name: RFM CELL KILL InfoKey number: IK4006088 5620 SAM ID: 2407 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: Internal signal between RFM and CB.		
Impact: The eNodeB performance is low.		
Remedial action: No action is required.		

Table 19-363 IK4006089 RFM INTERFACE MISMATCH

Alarm	Attributes	Supported releases
Name: RFM INTERFACE MISMATCH InfoKey number: IK4006089 5620 SAM ID: 2408 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RFM interface version is not compatible with the version running in the CB.		
Impact: The eNodeB performance is low.		
Remedial action: Reset the RFM. If the problem persists, contact the next level support.		

Table 19-364 IK4006090 RFM TX3 FAIL

Alarm	Attributes	Supported releases
Name: RFM TX3 FAIL InfoKey number: IK4006090 5620 SAM ID: 2409 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-365 IK4006091 RFM TX4 FAIL

Alarm	Attributes	Supported releases
Name: RFM TX4 FAIL InfoKey number: IK4006091 5620 SAM ID: 2410 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-366 IK4006092 RFM TX5 FAIL

Alarm	Attributes	Supported releases
Name: RFM TX5 FAIL InfoKey number: IK4006092 5620 SAM ID: 2411 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-367 IK4006093 RFM TX6 FAIL

Alarm	Attributes	Supported releases
Name: RFM TX6 FAIL InfoKey number: IK4006093 5620 SAM ID: 2412 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-368 IK4006094 RFM TX7 FAIL

Alarm	Attributes	Supported releases
Name: RFM TX7 FAIL InfoKey number: IK4006094 5620 SAM ID: 2413 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-369 IK4006095 RFM TX8 FAIL

Alarm	Attributes	Supported releases
Name: RFM TX8 FAIL InfoKey number: IK4006095 5620 SAM ID: 2414 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-370 IK4006096 RFM GAIN CONTROL TX3

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL TX3 InfoKey number: IK4006096 5620 SAM ID: 2415 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the third transmit port gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-371 IK4006097 RFM GAIN CONTROL TX4

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL TX4 InfoKey number: IK4006097 5620 SAM ID: 2416 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the fourth transmit port gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-372 IK4006098 RFM GAIN CONTROL TX5

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL TX5 InfoKey number: IK4006098 5620 SAM ID: 2417 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the fifth transmit port gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-373 IK4006099 RFM GAIN CONTROL TX6

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL TX6 InfoKey number: IK4006099 5620 SAM ID: 2418 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the sixth transmit port gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-374 IK4006100 RFM GAIN CONTROL TX7

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL TX7 InfoKey number: IK4006100 5620 SAM ID: 2419 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the seventh transmit port gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-375 IK4006101 RFM GAIN CONTROL TX8

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL TX8 InfoKey number: IK4006101 5620 SAM ID: 2420 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the eighth transmit port gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-376 IK4006102 RFM RF OUTPUT OVRDRV TX3

Alarm	Attributes	Supported releases
Name: RFM RF OUTPUT OVRDRV TX3 InfoKey number: IK4006102 5620 SAM ID: 2421 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

Table 19-377 IK4006103 RFM RF OUTPUT OVRDRV TX4

Alarm	Attributes	Supported releases
Name: RFM RF OUTPUT OVRDRV TX4 InfoKey number: IK4006103 5620 SAM ID: 2422 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

Table 19-378 IK4006104 RFM RF OUTPUT OVRDRV TX5

Alarm	Attributes	Supported releases
Name: RFM RF OUTPUT OVRDRV TX5 InfoKey number: IK4006104 5620 SAM ID: 2423 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

Table 19-379 IK4006105 RFM RF OUTPUT OVRDRV TX6

Alarm	Attributes	Supported releases
Name: RFM RF OUTPUT OVRDRV TX6 InfoKey number: IK4006105 5620 SAM ID: 2424 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

Table 19-380 IK4006106 RFM RF OUTPUT OVRDRV TX7

Alarm	Attributes	Supported releases
Name: RFM RF OUTPUT OVRDRV TX7 InfoKey number: IK4006106 5620 SAM ID: 2425 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

Table 19-381 IK4006107 RFM RF OUTPUT OVRDRV TX8

Alarm	Attributes	Supported releases
Name: RFM RF OUTPUT OVRDRV TX8 InfoKey number: IK4006107 5620 SAM ID: 2426 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

Table 19-382 IK4006108 RFM RX3 FAILURE

Alarm	Attributes	Supported releases
Name: RFM RX3 FAILURE InfoKey number: IK4006108 5620 SAM ID: 2427 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Operation is degraded with a single receiver. Reset the RFM, otherwise replace the RFM when possible.		

Table 19-383 IK4006109 RFM RX4 FAILURE

Alarm	Attributes	Supported releases
Name: RFM RX4 FAILURE InfoKey number: IK4006109 5620 SAM ID: 2428 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Operation is degraded with a single receiver. Reset the RFM, otherwise replace the RFM when possible.		

Table 19-384 IK4006110 RFM RX5 FAILURE

Alarm	Attributes	Supported releases
Name: RFM RX5 FAILURE InfoKey number: IK4006110 5620 SAM ID: 2429 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Operation is degraded with a single receiver. Reset the RFM, otherwise replace the RFM when possible.		

Table 19-385 IK4006111 RFM RX6 FAILURE

Alarm	Attributes	Supported releases
Name: RFM RX6 FAILURE InfoKey number: IK4006111 5620 SAM ID: 2430 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Operation is degraded with a single receiver. Reset the RFM, otherwise replace the RFM when possible.		

Table 19-386 IK4006112 RFM RX7 FAILURE

Alarm	Attributes	Supported releases
Name: RFM RX7 FAILURE InfoKey number: IK4006112 5620 SAM ID: 2431 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Operation is degraded with a single receiver. Reset the RFM, otherwise replace the RFM when possible.		

Table 19-387 IK4006113 RFM RX8 FAILURE

Alarm	Attributes	Supported releases
Name: RFM RX8 FAILURE InfoKey number: IK4006113 5620 SAM ID: 2432 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Operation is degraded with a single receiver. Reset the RFM, otherwise replace the RFM when possible.		

Table 19-388 IK4006114 RFM EQUIP FAIL TX3

Alarm	Attributes	Supported releases
Name: RFM EQUIP FAIL TX3 InfoKey number: IK4006114 5620 SAM ID: 2433 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the RFM.		

Table 19-389 IK4006115 RFM EQUIP FAIL TX4

Alarm	Attributes	Supported releases
Name: RFM EQUIP FAIL TX4 InfoKey number: IK4006115 5620 SAM ID: 2434 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the RFM.		

Table 19-390 IK4006116 RFM EQUIP FAIL TX5

Alarm	Attributes	Supported releases
Name: RFM EQUIP FAIL TX5 InfoKey number: IK4006116 5620 SAM ID: 2435 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the RFM.		

Table 19-391 IK4006117 RFM EQUIP FAIL TX6

Alarm	Attributes	Supported releases
Name: RFM EQUIP FAIL TX6 InfoKey number: IK4006117 5620 SAM ID: 2436 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the RFM.		

Table 19-392 IK4006118 RFM EQUIP FAIL TX7

Alarm	Attributes	Supported releases
Name: RFM EQUIP FAIL TX7 InfoKey number: IK4006118 5620 SAM ID: 2437 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the RFM.		

Table 19-393 IK4006119 RFM EQUIP FAIL TX8

Alarm	Attributes	Supported releases
Name: RFM EQUIP FAIL TX8 InfoKey number: IK4006119 5620 SAM ID: 2438 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the RFM.		

Table 19-394 IK4006120 RFM DIGITAL INPUT OVRDRV TX3

Alarm	Attributes	Supported releases
Name: RFM DIGITAL INPUT OVRDRV TX3 InfoKey number: IK4006120 5620 SAM ID: 2439 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

Table 19-395 IK4006121 RFM DIGITAL INPUT OVRDRV TX4

Alarm	Attributes	Supported releases
Name: RFM DIGITAL INPUT OVRDRV TX4 InfoKey number: IK4006121 5620 SAM ID: 2440 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

Table 19-396 IK4006122 RFM DIGITAL INPUT OVRDRV TX5

Alarm	Attributes	Supported releases
Name: RFM DIGITAL INPUT OVRDRV TX5 InfoKey number: IK4006122 5620 SAM ID: 2441 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

Table 19-397 IK4006123 RFM DIGITAL INPUT OVRDRV TX6

Alarm	Attributes	Supported releases
Name: RFM DIGITAL INPUT OVRDRV TX6 InfoKey number: IK4006123 5620 SAM ID: 2442 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

Table 19-398 IK4006124 RFM DIGITAL INPUT OVRDRV TX7

Alarm	Attributes	Supported releases
Name: RFM DIGITAL INPUT OVRDRV TX7 InfoKey number: IK4006124 5620 SAM ID: 2443 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

Table 19-399 IK4006125 RFM DIGITAL INPUT OVRDRV TX8

Alarm	Attributes	Supported releases
Name: RFM DIGITAL INPUT OVRDRV TX8 InfoKey number: IK4006125 5620 SAM ID: 2444 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The CB is providing too large a digital signal to the RFM.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists contact the next level support.		

Table 19-400 IK4006126 RFM TX3 VSWR THRESH1

Alarm	Attributes	Supported releases
Name: RFM TX3 VSWR THRESH1 InfoKey number: IK4006126 5620 SAM ID: 2445 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-401 IK4006127 RFM TX4 VSWR THRESH1

Alarm	Attributes	Supported releases
Name: RFM TX4 VSWR THRESH1 InfoKey number: IK4006127 5620 SAM ID: 2446 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-402 IK4006128 RFM TX5 VSWR THRESH1

Alarm	Attributes	Supported releases
Name: RFM TX5 VSWR THRESH1 InfoKey number: IK4006128 5620 SAM ID: 2447 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-403 IK4006129 RFM TX6 VSWR THRESH1

Alarm	Attributes	Supported releases
Name: RFM TX6 VSWR THRESH1 InfoKey number: IK4006129 5620 SAM ID: 2448 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-404 IK4006130 RFM TX7 VSWR THRESH1

Alarm	Attributes	Supported releases
Name: RFM TX7 VSWR THRESH1 InfoKey number: IK4006130 5620 SAM ID: 2449 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-405 IK4006131 RFM TX8 VSWR THRESH1

Alarm	Attributes	Supported releases
Name: RFM TX8 VSWR THRESH1 InfoKey number: IK4006131 5620 SAM ID: 2450 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-406 IK4006132 RFM TX3 VSWR THRESH2

Alarm	Attributes	Supported releases
Name: RFM TX3 VSWR THRESH2 InfoKey number: IK4006132 5620 SAM ID: 2451 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-407 IK4006133 RFM TX4 VSWR THRESH2

Alarm	Attributes	Supported releases
Name: RFM TX4 VSWR THRESH2 InfoKey number: IK4006133 5620 SAM ID: 2452 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-408 IK4006134 RFM TX5 VSWR THRESH2

Alarm	Attributes	Supported releases
Name: RFM TX5 VSWR THRESH2 InfoKey number: IK4006134 5620 SAM ID: 2453 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-409 IK4006135 RFM TX6 VSWR THRESH2

Alarm	Attributes	Supported releases
Name: RFM TX6 VSWR THRESH2 InfoKey number: IK4006135 5620 SAM ID: 2454 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-410 IK4006136 RFM TX7 VSWR THRESH2

Alarm	Attributes	Supported releases
Name: RFM TX7 VSWR THRESH2 InfoKey number: IK4006136 5620 SAM ID: 2455 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-411 IK4006137 RFM TX8 VSWR THRESH2

Alarm	Attributes	Supported releases
Name: RFM TX8 VSWR THRESH2 InfoKey number: IK4006137 5620 SAM ID: 2456 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-412 IK4006138 RFM RX3 VSWR THRESH

Alarm	Attributes	Supported releases
Name: RFM RX3 VSWR THRESH InfoKey number: IK4006138 5620 SAM ID: 2457 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-413 IK4006139 RFM RX4 VSWR THRESH

Alarm	Attributes	Supported releases
Name: RFM RX4 VSWR THRESH InfoKey number: IK4006139 5620 SAM ID: 2458 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-414 IK4006140 RFM RX5 VSWR THRESH

Alarm	Attributes	Supported releases
Name: RFM RX5 VSWR THRESH InfoKey number: IK4006140 5620 SAM ID: 2459 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-415 IK4006141 RFM RX6 VSWR THRESH

Alarm	Attributes	Supported releases
Name: RFM RX6 VSWR THRESH InfoKey number: IK4006141 5620 SAM ID: 2460 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-416 IK4006142 RFM RX7 VSWR THRESH

Alarm	Attributes	Supported releases
Name: RFM RX7 VSWR THRESH InfoKey number: IK4006142 5620 SAM ID: 2461 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-417 IK4006143 RFM RX8 VSWR THRESH

Alarm	Attributes	Supported releases
Name: RFM RX8 VSWR THRESH InfoKey number: IK4006143 5620 SAM ID: 2462 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-418 IK4006144 RFM LNA3 FAIL

Alarm	Attributes	Supported releases
Name: RFM LNA3 FAIL InfoKey number: IK4006144 5620 SAM ID: 2463 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the external filter module has detected an LNA failure.		
Impact: No impact on eNodeB.		
Remedial action: Replace the external filter module.		

Table 19-419 IK4006145 RFM LNA4 FAIL

Alarm	Attributes	Supported releases
Name: RFM LNA4 FAIL InfoKey number: IK4006145 5620 SAM ID: 2464 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the external filter module has detected an LNA failure.		
Impact: No impact on eNodeB.		
Remedial action: Replace the external filter module.		

Table 19-420 IK4006146 RFM LNA5 FAIL

Alarm	Attributes	Supported releases
Name: RFM LNA5 FAIL InfoKey number: IK4006146 5620 SAM ID: 2465 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the external filter module has detected an LNA failure.		
Impact: No impact on eNodeB.		
Remedial action: Replace the external filter module.		

Table 19-421 IK4006147 RFM LNA6 FAIL

Alarm	Attributes	Supported releases
Name: RFM LNA6 FAIL InfoKey number: IK4006147 5620 SAM ID: 2466 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the external filter module has detected an LNA failure.		
Impact: No impact on eNodeB.		
Remedial action: Replace the external filter module.		

Table 19-422 IK4006148 RFM LNA7 FAIL

Alarm	Attributes	Supported releases
Name: RFM LNA7 FAIL InfoKey number: IK4006148 5620 SAM ID: 2467 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the external filter module has detected an LNA failure.		
Impact: No impact on eNodeB.		
Remedial action: Replace the external filter module.		

Table 19-423 IK4006149 RFM LNA8 FAIL

Alarm	Attributes	Supported releases
Name: RFM LNA8 FAIL InfoKey number: IK4006149 5620 SAM ID: 2468 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the external filter module has detected an LNA failure.		
Impact: No impact on eNodeB.		
Remedial action: Replace the external filter module.		

Table 19-424 IK4006150 RFM TTLNA FAILURE 1

Alarm	Attributes	Supported releases
Name: RFM TTLNA FAILURE 1 InfoKey number: IK4006150 5620 SAM ID: 2469 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-425 IK4006151 RFM TTLNA FAILURE 2

Alarm	Attributes	Supported releases
Name: RFM TTLNA FAILURE 2 InfoKey number: IK4006151 5620 SAM ID: 2470 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-426 IK4006152 RFM TTLNA FAILURE 3

Alarm	Attributes	Supported releases
Name: RFM TTLNA FAILURE 3 InfoKey number: IK4006152 5620 SAM ID: 2471 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-427 IK4006153 RFM TTLNA FAILURE 4

Alarm	Attributes	Supported releases
Name: RFM TTLNA FAILURE 4 InfoKey number: IK4006153 5620 SAM ID: 2472 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-428 IK4006154 RFM TTLNA FAILURE 5

Alarm	Attributes	Supported releases
Name: RFM TTLNA FAILURE 5 InfoKey number: IK4006154 5620 SAM ID: 2473 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-429 IK4006155 RFM TTLNA FAILURE 6

Alarm	Attributes	Supported releases
Name: RFM TTLNA FAILURE 6 InfoKey number: IK4006155 5620 SAM ID: 2474 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-430 IK4006156 RFM TTLNA FAILURE 7

Alarm	Attributes	Supported releases
Name: RFM TTLNA FAILURE 7 InfoKey number: IK4006156 5620 SAM ID: 2475 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-431 IK4006157 RFM TTLNA FAILURE 8

Alarm	Attributes	Supported releases
Name: RFM TTLNA FAILURE 8 InfoKey number: IK4006157 5620 SAM ID: 2476 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-432 IK4006158 RFM ANT CAL FAILURE

Alarm	Attributes	Supported releases
Name: RFM ANT CAL FAILURE InfoKey number: IK4006158 5620 SAM ID: 2477 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the antenna is out of calibration in a cell.		
Impact: The eNodeB performance is low.		
Remedial action: Check the antenna calibration.		

Table 19-433 IK4006159 RFM ANT PERIODIC CAL FAILURE

Alarm	Attributes	Supported releases
Name: RFM ANT PERIODIC CAL FAILURE InfoKey number: IK4006159 5620 SAM ID: 2478 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the antenna periodic calibration has failed.		
Impact: No impact on eNodeB.		
Remedial action: Check the antenna calibration.		

Table 19-434 IK4006160 RFM SLAVE LINK LOF LINK1

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK LOF LINK1 InfoKey number: IK4006160 5620 SAM ID: 2479 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-435 IK4006161 RFM SLAVE LINK LOF LINK2

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK LOF LINK2 InfoKey number: IK4006161 5620 SAM ID: 2480 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-436 IK4006162 RFM SLAVE LINK LOF LINK3

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK LOF LINK3 InfoKey number: IK4006162 5620 SAM ID: 2481 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-437 IK4006163 RFM SLAVE LINK LOS PORT1

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK LOS PORT1 InfoKey number: IK4006163 5620 SAM ID: 2482 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-438 IK4006164 RFM SLAVE LINK LOS PORT2

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK LOS PORT2 InfoKey number: IK4006164 5620 SAM ID: 2483 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-439 IK4006165 RFM SLAVE LINK LOS PORT3

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK LOS PORT3 InfoKey number: IK4006165 5620 SAM ID: 2484 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-440 IK4006166 RFM SLAVE LINK RAI PORT1

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK RAI PORT1 InfoKey number: IK4006166 5620 SAM ID: 2485 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">FDD LA3.0TDD TLA3.0
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-441 IK4006167 RFM SLAVE LINK RAI PORT2

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK RAI PORT2 InfoKey number: IK4006167 5620 SAM ID: 2486 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">FDD LA3.0TDD TLA3.0
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-442 IK4006168 RFM SLAVE LINK RAI PORT3

Alarm	Attributes	Supported releases
Name: RFM SLAVE LINK RAI PORT3 InfoKey number: IK4006168 5620 SAM ID: 2487 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">FDD LA3.0TDD TLA3.0
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-443 IK4006169 RFM SLAVE SIGNAL LOW PORT1

Alarm	Attributes	Supported releases
Name: RFM SLAVE SIGNAL LOW PORT1 InfoKey number: IK4006169 5620 SAM ID: 2488 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates that the optical signal strength is very low on the link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-444 IK4006170 RFM SLAVE SIGNAL LOW PORT2

Alarm	Attributes	Supported releases
Name: RFM SLAVE SIGNAL LOW PORT2 InfoKey number: IK4006170 5620 SAM ID: 2489 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates that the optical signal strength is very low on the link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-445 IK4006171 RFM SLAVE SIGNAL LOW PORT3

Alarm	Attributes	Supported releases
Name: RFM SLAVE SIGNAL LOW PORT3 InfoKey number: IK4006171 5620 SAM ID: 2490 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates that the optical signal strength is very low on the link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-446 IK4006172 RFM SLAVE TRANS TX FAILURE PORT1

Alarm	Attributes	Supported releases
Name: RFM SLAVE TRANS TX FAILURE PORT1 InfoKey number: IK4006172 5620 SAM ID: 2491 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates a failure of the optical transceiver.		
Impact: No impact on eNodeB.		
Remedial action: Replace the RFM SFP		

Table 19-447 IK4006173 RFM SLAVE TRANS TX FAILURE PORT2

Alarm	Attributes	Supported releases
Name: RFM SLAVE TRANS TX FAILURE PORT2 InfoKey number: IK4006173 5620 SAM ID: 2492 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates a failure of the optical transceiver.		
Impact: No impact on eNodeB.		
Remedial action: Replace the RFM SFP		

Table 19-448 IK4006174 RFM SLAVE TRANS TX FAILURE PORT3

Alarm	Attributes	Supported releases
Name: RFM SLAVE TRANS TX FAILURE PORT3 InfoKey number: IK4006174 5620 SAM ID: 2493 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates a failure of the optical transceiver.		
Impact: No impact on eNodeB.		
Remedial action: Replace the RFM SFP		

Table 19-449 IK4006175 RFM SLAVE BER PORT1

Alarm	Attributes	Supported releases
Name: RFM SLAVE BER PORT1 InfoKey number: IK4006175 5620 SAM ID: 2494 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-450 IK4006176 RFM SLAVE BER PORT2

Alarm	Attributes	Supported releases
Name: RFM SLAVE BER PORT2 InfoKey number: IK4006176 5620 SAM ID: 2495 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-451 IK4006177 RFM SLAVE BER PORT3

Alarm	Attributes	Supported releases
Name: RFM SLAVE BER PORT3 InfoKey number: IK4006177 5620 SAM ID: 2496 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-452 IK4006178 RFM SLAVE SIGNAL SDI PORT1

Alarm	Attributes	Supported releases
Name: RFM SLAVE SIGNAL SDI PORT1 InfoKey number: IK4006178 5620 SAM ID: 2497 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates that the incoming slave link SDI bit is set. The slave link is still functional but a fault (SDI) is detected.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

Table 19-453 IK4006179 RFM SLAVE SIGNAL SDI PORT2

Alarm	Attributes	Supported releases
Name: RFM SLAVE SIGNAL SDI PORT2 InfoKey number: IK4006179 5620 SAM ID: 2498 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates that the incoming slave link SDI bit is set. The slave link is still functional but a fault (SDI) is detected.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

Table 19-454 IK4006180 RFM SLAVE SIGNAL SDI PORT3

Alarm	Attributes	Supported releases
Name: RFM SLAVE SIGNAL SDI PORT3 InfoKey number: IK4006180 5620 SAM ID: 2499 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This alarm indicates that the incoming slave link SDI bit is set. The slave link is still functional but a fault (SDI) is detected.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

Table 19-455 IK4006181 RFM GAIN CONTROL WARNING TX1

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING TX1 InfoKey number: IK4006181 5620 SAM ID: 2500 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-456 IK4006182 RFM GAIN CONTROL WARNING TX2

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING TX2 InfoKey number: IK4006182 5620 SAM ID: 2501 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-457 IK4006183 RFM GAIN CONTROL WARNING TX3

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING TX3 InfoKey number: IK4006183 5620 SAM ID: 2502 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-458 IK4006184 RFM GAIN CONTROL WARNING TX4

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING TX4 InfoKey number: IK4006184 5620 SAM ID: 2503 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-459 IK4006185 RFM GAIN CONTROL WARNING TX5

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING TX5 InfoKey number: IK4006185 5620 SAM ID: 2504 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-460 IK4006186 RFM GAIN CONTROL WARNING TX6

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING TX6 InfoKey number: IK4006186 5620 SAM ID: 2505 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-461 IK4006187 RFM GAIN CONTROL WARNING TX7

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING TX7 InfoKey number: IK4006187 5620 SAM ID: 2506 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-462 IK4006188 RFM GAIN CONTROL WARNING TX8

Alarm	Attributes	Supported releases
Name: RFM GAIN CONTROL WARNING TX8 InfoKey number: IK4006188 5620 SAM ID: 2507 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset the RFM. If the alarm persists, replace RFM.		

Table 19-463 IK4006197 RFM MESSAGE THROTTLING

Alarm	Attributes	Supported releases
Name: RFM MESSAGE THROTTLING InfoKey number: IK4006197 5620 SAM ID: 2516 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the RFM is generating too many messages over the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Reset the RFM.		

Table 19-464 IK4006214 RFM FAULT 1

Alarm	Attributes	Supported releases
Name: RFM FAULT 1 InfoKey number: IK4006214 5620 SAM ID: 3008 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">• FDD LA4.0• TDD TLA3.0• TDD TLA4.0
Description: Unspecified RFM fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-465 IK4006215 RFM FAULT 2

Alarm	Attributes	Supported releases
Name: RFM FAULT 2 InfoKey number: IK4006215 5620 SAM ID: 3009 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">• FDD LA4.0• TDD TLA3.0• TDD TLA4.0
Description: Unspecified RFM fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-466 IK4006216 RFM FAULT 3

Alarm	Attributes	Supported releases
Name: RFM FAULT 3 InfoKey number: IK4006216 5620 SAM ID: 3010 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">• FDD LA4.0• TDD TLA3.0• TDD TLA4.0
Description: Unspecified RFM fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-467 IK4006217 RFM FAULT 4

Alarm	Attributes	Supported releases
Name: RFM FAULT 4 InfoKey number: IK4006217 5620 SAM ID: 3011 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified RFM fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-468 IK4006218 RFM FAULT 5

Alarm	Attributes	Supported releases
Name: RFM FAULT 5 InfoKey number: IK4006218 5620 SAM ID: 3012 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified RFM fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-469 IK4006219 RFM UNREADABLE MANUFACTURER DATA ATTACHED HW

Alarm	Attributes	Supported releases
Name: RFM UNREADABLE MANUFACTURER DATA ATTACHED HW InfoKey number: IK4006219 5620 SAM ID: 3013 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to read the inventory record of an attached hardware (e.g. RDEM).		
Impact: Cells related to RFM are out of service.		
Remedial action: Check the attached hardware.		

Table 19-470 IK4006236 RFM TTLNA1

Alarm	Attributes	Supported releases
Name: RFM TTLNA1 InfoKey number: IK4006236 5620 SAM ID: 3014 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> • TDD TLA3.0 • TDD TLA4.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-471 IK4006237 RFM TTLNA2

Alarm	Attributes	Supported releases
Name: RFM TTLNA2 InfoKey number: IK4006237 5620 SAM ID: 3015 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> • TDD TLA3.0 • TDD TLA4.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-472 IK4006238 RFM TTLNA3

Alarm	Attributes	Supported releases
Name: RFM TTLNA3 InfoKey number: IK4006238 5620 SAM ID: 3016 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> • TDD TLA3.0 • TDD TLA4.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-473 IK4006239 RFM TTLNA4

Alarm	Attributes	Supported releases
Name: RFM TTLNA4 InfoKey number: IK4006239 5620 SAM ID: 3017 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> • TDD TLA3.0 • TDD TLA4.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-474 IK4006240 RFM TTLNA5

Alarm	Attributes	Supported releases
Name: RFM TTLNA5 InfoKey number: IK4006240 5620 SAM ID: 3018 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> • TDD TLA3.0 • TDD TLA4.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-475 IK4006241 RFM TTLNA6

Alarm	Attributes	Supported releases
Name: RFM TTLNA6 InfoKey number: IK4006241 5620 SAM ID: 3019 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> • TDD TLA3.0 • TDD TLA4.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-476 IK4006242 RFM TTLNA7

Alarm	Attributes	Supported releases
Name: RFM TTLNA7 InfoKey number: IK4006242 5620 SAM ID: 3020 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> • TDD TLA3.0 • TDD TLA4.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-477 IK4006243 RFM TTLNA8

Alarm	Attributes	Supported releases
Name: RFM TTLNA8 InfoKey number: IK4006243 5620 SAM ID: 3021 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> • TDD TLA3.0 • TDD TLA4.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-478 IK4006244 RFM LINK LOF PORT1

Alarm	Attributes	Supported releases
Name: RFM LINK LOF PORT1 InfoKey number: IK4006244 5620 SAM ID: 3022 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> • TDD TLA3.0
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-479 IK4006245 RFM LINK LOF PORT2

Alarm	Attributes	Supported releases
Name: RFM LINK LOF PORT2 InfoKey number: IK4006245 5620 SAM ID: 3023 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-480 IK4006246 RFM LINK LOF PORT3

Alarm	Attributes	Supported releases
Name: RFM LINK LOF PORT3 InfoKey number: IK4006246 5620 SAM ID: 3024 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-481 IK4006247 RFM LINK LOS PORT1

Alarm	Attributes	Supported releases
Name: RFM LINK LOS PORT1 InfoKey number: IK4006247 5620 SAM ID: 3025 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-482 IK4006248 RFM LINK LOS PORT2

Alarm	Attributes	Supported releases
Name: RFM LINK LOS PORT2 InfoKey number: IK4006248 5620 SAM ID: 3026 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-483 IK4006249 RFM LINK LOS PORT3

Alarm	Attributes	Supported releases
Name: RFM LINK LOS PORT3 InfoKey number: IK4006249 5620 SAM ID: 3027 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-484 IK4006250 RFM LINK RAI PORT1

Alarm	Attributes	Supported releases
Name: RFM LINK RAI PORT1 InfoKey number: IK4006250 5620 SAM ID: 3028 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-485 IK4006251 RFM LINK RAI PORT2

Alarm	Attributes	Supported releases
Name: RFM LINK RAI PORT2 InfoKey number: IK4006251 5620 SAM ID: 3029 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-486 IK4006252 RFM LINK RAI PORT3

Alarm	Attributes	Supported releases
Name: RFM LINK RAI PORT3 InfoKey number: IK4006252 5620 SAM ID: 3030 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-487 IK4006253 RFM SIGNAL LOW PORT1

Alarm	Attributes	Supported releases
Name: RFM SIGNAL LOW PORT1 InfoKey number: IK4006253 5620 SAM ID: 3031 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the optical signal strength is very low on the slave link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-488 IK4006254 RFM SIGNAL LOW PORT2

Alarm	Attributes	Supported releases
Name: RFM SIGNAL LOW PORT2 InfoKey number: IK4006254 5620 SAM ID: 3032 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the optical signal strength is very low on the slave link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-489 IK4006255 RFM SIGNAL LOW PORT3

Alarm	Attributes	Supported releases
Name: RFM SIGNAL LOW PORT3 InfoKey number: IK4006255 5620 SAM ID: 3033 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the optical signal strength is very low on the slave link port.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-490 IK4006256 RFM TRANS TX FAILURE PORT1

Alarm	Attributes	Supported releases
Name: RFM TRANS TX FAILURE PORT1 InfoKey number: IK4006256 5620 SAM ID: 3034 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure of the optical transceiver.		
Impact: No impact on eNodeB.		
Remedial action: Replace the RFM SFP		

Table 19-491 IK4006257 RFM TRANS TX FAILURE PORT2

Alarm	Attributes	Supported releases
Name: RFM TRANS TX FAILURE PORT2 InfoKey number: IK4006257 5620 SAM ID: 3035 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure of the optical transceiver.		
Impact: No impact on eNodeB.		
Remedial action: Replace the RFM SFP		

Table 19-492 IK4006258 RFM TRANS TX FAILURE PORT3

Alarm	Attributes	Supported releases
Name: RFM TRANS TX FAILURE PORT3 InfoKey number: IK4006258 5620 SAM ID: 3036 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure of the optical transceiver.		
Impact: No impact on eNodeB.		
Remedial action: Replace the RFM SFP		

Table 19-493 IK4006259 RFM BER PORT1

Alarm	Attributes	Supported releases
Name: RFM BER PORT1 InfoKey number: IK4006259 5620 SAM ID: 3037 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-494 IK4006260 RFM BER PORT2

Alarm	Attributes	Supported releases
Name: RFM BER PORT2 InfoKey number: IK4006260 5620 SAM ID: 3038 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> • TDD TLA3.0 • TDD TLA4.0
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-495 IK4006261 RFM BER PORT3

Alarm	Attributes	Supported releases
Name: RFM BER PORT3 InfoKey number: IK4006261 5620 SAM ID: 3039 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> • TDD TLA3.0 • TDD TLA4.0
Description: This alarm indicates excessive bit errors on the CPRI link.		
Impact: No impact on eNodeB.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-496 IK4006262 RFM SIGNAL SDI PORT1

Alarm	Attributes	Supported releases
Name: RFM SIGNAL SDI PORT1 InfoKey number: IK4006262 5620 SAM ID: 3040 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> • FDD LA4.0 • TDD TLA3.0 • TDD TLA4.0
Description: This alarm indicates that the incoming CPRI link SDI bit is set.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

Table 19-497 IK4006263 RFM SIGNAL SDI PORT2

Alarm	Attributes	Supported releases
Name: RFM SIGNAL SDI PORT2 InfoKey number: IK4006263 5620 SAM ID: 3041 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the incoming CPRI link SDI bit is set.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

Table 19-498 IK4006264 RFM SIGNAL SDI PORT3

Alarm	Attributes	Supported releases
Name: RFM SIGNAL SDI PORT3 InfoKey number: IK4006264 5620 SAM ID: 3042 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the incoming CPRI link SDI bit is set.		
Impact: No impact on eNodeB.		
Remedial action: Reset RFM. If the alarm persists then reset the CB.		

Table 19-499 IK4006265 RFM DL IDLE PATTERN MISMATCH

Alarm	Attributes	Supported releases
Name: RFM DL IDLE PATTERN MISMATCH InfoKey number: IK4006265 5620 SAM ID: 3043 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that DL idle patterns are detected (delay calibration failure).		
Impact: No impact on eNodeB.		
Remedial action: Reset the RFM. If the alarm persists, call the next level of support.		

Table 19-500 IK4006272 RFM TX1 VSWR THRESH1

Alarm	Attributes	Supported releases
Name: RFM TX1 VSWR THRESH1 InfoKey number: IK4006272 5620 SAM ID: 3050 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-501 IK4006273 RFM TX2 VSWR THRESH1

Alarm	Attributes	Supported releases
Name: RFM TX2 VSWR THRESH1 InfoKey number: IK4006273 5620 SAM ID: 3051 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-502 IK4006274 RFM TX3 VSWR THRESH1

Alarm	Attributes	Supported releases
Name: RFM TX3 VSWR THRESH1 InfoKey number: IK4006274 5620 SAM ID: 3052 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-503 IK4006275 RFM TX4 VSWR THRESH1

Alarm	Attributes	Supported releases
Name: RFM TX4 VSWR THRESH1 InfoKey number: IK4006275 5620 SAM ID: 3053 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-504 IK4006276 RFM TX5 VSWR THRESH1

Alarm	Attributes	Supported releases
Name: RFM TX5 VSWR THRESH1 InfoKey number: IK4006276 5620 SAM ID: 3054 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-505 IK4006277 RFM TX6 VSWR THRESH1

Alarm	Attributes	Supported releases
Name: RFM TX6 VSWR THRESH1 InfoKey number: IK4006277 5620 SAM ID: 3055 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-506 IK4006278 RFM TX7 VSWR THRESH1

Alarm	Attributes	Supported releases
Name: RFM TX7 VSWR THRESH1 InfoKey number: IK4006278 5620 SAM ID: 3056 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-507 IK4006279 RFM TX8 VSWR THRESH1

Alarm	Attributes	Supported releases
Name: RFM TX8 VSWR THRESH1 InfoKey number: IK4006279 5620 SAM ID: 3057 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0 TDD TLA4.0
Description: The antenna port return loss is below threshold.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead.		

Table 19-508 IK4006281 RFM INTERNAL RRH COMM FAIL

Alarm	Attributes	Supported releases
Name: RFM INTERNAL RRH COMM FAIL InfoKey number: IK4006281 5620 SAM ID: 3651 Type: communicationsAlarm Alarm type ID: 4	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: Communication has failed between the two subunits that make up this RFM.		
Impact: The cell supported on this RFM is degraded or failed if any or all of its paths use antenna ports supported on the far subunit.		
Remedial action: Check the inter-subunit CPRI link and SFPs for failure check the far end subunit for failure. Reset the RFM if no physical failure is found.		

Table 19-509 IK4006282 RFM HW CONFIG MISMATCH

Alarm	Attributes	Supported releases
Name: RFM HW CONFIG MISMATCH InfoKey number: IK4006282 5620 SAM ID: 3652 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: The two subunits that make up this RFM are not of the same type.		
Impact: Cells assigned to this RFM remain disabled until the fault is corrected.		
Remedial action: Replace one or both subunits so that they are both of the same type.		

Table 19-510 IK4006283 RFM HW ASSIGNMENT INDETERMINATE

Alarm	Attributes	Supported releases
Name: RFM HW ASSIGNMENT INDETERMINATE InfoKey number: IK4006283 5620 SAM ID: 3653 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: The two subunits that make up this RFM are both configured with the same subunit number.		
Impact: Cells assigned to this RFM remain disabled until the fault is corrected.		
Remedial action: Ensure that each RFM subunit has the proper connector to indicate that it is the first or the second subunit.		

Table 19-511 IK4006284 RFM ALD BUS OVERCURRENT

Alarm	Attributes	Supported releases
Name: RFM ALD BUS OVERCURRENT InfoKey number: IK4006284 5620 SAM ID: 3654 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: The AISG bus attached to this RFM is drawing too much DC electric current.		
Impact: TMAs or RETs connected to this RFM may not function properly, degrading receive path gain or preventing antenna tilt control.		
Remedial action: Ensure that the number of AISG devices and their individual current loads do not exceed the RFM limit. Check the AISG bus cable for short circuit, check for one or more failed AISG devices on the bus.		

Table 19-512 IK4006285 RFM LINK LOF PORT1

Alarm	Attributes	Supported releases
Name: RFM LINK LOF PORT1 InfoKey number: IK4006285 5620 SAM ID: 3655 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-513 IK4006286 RFM LINK LOF PORT2

Alarm	Attributes	Supported releases
Name: RFM LINK LOF PORT2 InfoKey number: IK4006286 5620 SAM ID: 3656 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-514 IK4006287 RFM LINK LOF PORT3

Alarm	Attributes	Supported releases
Name: RFM LINK LOF PORT3 InfoKey number: IK4006287 5620 SAM ID: 3657 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that framing cannot be recovered at the slave link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-515 IK4006288 RFM LINK LOS PORT1

Alarm	Attributes	Supported releases
Name: RFM LINK LOS PORT1 InfoKey number: IK4006288 5620 SAM ID: 3658 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-516 IK4006289 RFM LINK LOS PORT2

Alarm	Attributes	Supported releases
Name: RFM LINK LOS PORT2 InfoKey number: IK4006289 5620 SAM ID: 3659 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-517 IK4006290 RFM LINK LOS PORT3

Alarm	Attributes	Supported releases
Name: RFM LINK LOS PORT3 InfoKey number: IK4006290 5620 SAM ID: 3660 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that no signal is detected at the link port. This alarm is enabled only after the link is established.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-518 IK4006291 RFM LINK RAI PORT1

Alarm	Attributes	Supported releases
Name: RFM LINK RAI PORT1 InfoKey number: IK4006291 5620 SAM ID: 3661 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-519 IK4006292 RFM LINK RAI PORT2

Alarm	Attributes	Supported releases
Name: RFM LINK RAI PORT2 InfoKey number: IK4006292 5620 SAM ID: 3662 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-520 IK4006293 RFM LINK RAI PORT3

Alarm	Attributes	Supported releases
Name: RFM LINK RAI PORT3 InfoKey number: IK4006293 5620 SAM ID: 3663 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: inputDeviceError Default probable cause ID: 704 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that the incoming slave link RAI bit is set.		
Impact: Possibly repetitions at higher levels. The capacity of the module can be reduced.		
Remedial action: Check the CPRI cable and connections, replace the SFP (RFM or CB end).		

Table 19-521 IK4007001 BRC CC WARNING

Alarm	Attributes	Supported releases
Name: BRC CC WARNING InfoKey number: IK4007001 5620 SAM ID: 2533 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the BRC-CC reported a warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-522 IK4007002 BRC UC FAILED

Alarm	Attributes	Supported releases
Name: BRC UC FAILED InfoKey number: IK4007002 5620 SAM ID: 2534 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the UeCallIP detected a no-response from BRC-UC.		
Impact: The eNodeB performance is low.		
Remedial action: No action is required.		

Table 19-523 IK4007004 BRC UC WARNING

Alarm	Attributes	Supported releases
Name: BRC UC WARNING InfoKey number: IK4007004 5620 SAM ID: 2535 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the BRC-UC reported a warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-524 IK4007005 CALLP MANAGER WARNING

Alarm	Attributes	Supported releases
Name: CALLP MANAGER WARNING InfoKey number: IK4007005 5620 SAM ID: 2536 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that CallP Manager reports a warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-525 IK4007006 CELL CALLP WARNING

Alarm	Attributes	Supported releases
Name: CELL CALLP WARNING InfoKey number: IK4007006 5620 SAM ID: 2537 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that Cell CallP reports a warning.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-526 IK4007008 CELL SETUP UBM FAILED

Alarm	Attributes	Supported releases
Name: CELL SETUP UBM FAILED InfoKey number: IK4007008 5620 SAM ID: 2538 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates a non-response of UBM detected in the Cell Setup procedure.		
Impact: The LTE service is not possible.		
Remedial action: Call the next level of support.		

Table 19-527 IK4007010 L1L2 CONFIG ERROR CE CELL SETUP

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR CE CELL SETUP InfoKey number: IK4007010 5620 SAM ID: 2539 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0
Description: This alarm indicates a configuration error detected in the Cell Setup procedure by the BB CE entity.		
Impact: The LTE service is not possible for this cell.		
Remedial action: Verify and correct the configuration data in the LTE CELL or CELL CONF.		

Table 19-528 IK4007011 L1L2 CONFIG ERROR CE GLOBAL SETUP

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR CE GLOBAL SETUP InfoKey number: IK4007011 5620 SAM ID: 2540 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0
Description: This alarm indicates a configuration error detected in the Global Setup procedure by the BB CE entity.		
Impact: The LTE service is not possible.		
Remedial action: Verify and correct the configuration data in the Enb MO.		

Table 19-529 IK4007012 L1L2 CONFIG ERROR PQ3 CELL SETUP

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR PQ3 CELL SETUP InfoKey number: IK4007012 5620 SAM ID: 2541 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0
Description: This alarm indicates a configuration error detected in the Cell Setup procedure by the BB PQ3 UPA entity.		
Impact: The LTE service is not possible for this cell.		
Remedial action: Verify and correct the configuration data in the LTE CELL or CELL CONF.		

Table 19-530 IK4007013 L1L2 CONFIG ERROR PQ3 GLOBAL SETUP

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR PQ3 GLOBAL SETUP InfoKey number: IK4007013 5620 SAM ID: 2542 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0
Description: This alarm indicates a configuration error detected in the Global Setup procedure by the BB PQ3 UPA entity.		
Impact: The LTE service is not possible.		
Remedial action: Verify and correct the configuration data in the Enb MO.		

Table 19-531 IK4007019 UBM FAILED

Alarm	Attributes	Supported releases
Name: UBM FAILED InfoKey number: IK4007019 5620 SAM ID: 2543 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a non-response of UBM entity detected by UeCallP.		
Impact: The eNodeB performance is low.		
Remedial action: No action is required.		

Table 19-532 IK4007021 UE CALLP WARNING

Alarm	Attributes	Supported releases
Name: UE CALLP WARNING InfoKey number: IK4007021 5620 SAM ID: 2544 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a warning reported by UeCallP.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-533 IK4007022 MME S1 SETUP FAILURE RESPONSE

Alarm	Attributes	Supported releases
Name: MME S1 SETUP FAILURE RESPONSE InfoKey number: IK4007022 5620 SAM ID: 2545 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a persistent S1_SETUP_FAILURE_RESPONSE from MME detected by CallIPMgr.		
Impact: If S1 flex is available, the eNodeB performance is low. If the S1 flex is not available, the eNodeB service is not possible.		
Remedial action: Check the behavior of the MME.		

Table 19-534 IK4007023 MME S1 SETUP NO RESPONSE

Alarm	Attributes	Supported releases
Name: MME S1 SETUP NO RESPONSE InfoKey number: IK4007023 5620 SAM ID: 2546 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a persistent NO_RESPONSE from MME detected by CallIPMgr.		
Impact: If S1 flex is available, the eNodeB performance is low. If the S1 flex is not available, the eNodeB service is not possible.		
Remedial action: Check the behavior of the MME.		

Table 19-535 IK4007026 ENB CANDIDATE X2 SETUP FAILURE

Alarm	Attributes	Supported releases
Name: ENB CANDIDATE X2 SETUP FAILURE InfoKey number: IK4007026 5620 SAM ID: 2547 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a persistent X2_SETUP_FAILURE from eNodeB_CANDIDATE detected by CallpMgr.		
Impact: If multiple X2 are available, the eNodeB performance is low. If an X2 is present, the eNodeB service is not available.		
Remedial action: Check the behavior of the candidate eNodeB. If the alarm persists, check provisioning of the initiating and candidate eNodeBs.		

Table 19-536 IK4007027 ENB CANDIDATE X2 SETUP NO RESPONSE

Alarm	Attributes	Supported releases
Name: ENB CANDIDATE X2 SETUP NO RESPONSE InfoKey number: IK4007027 5620 SAM ID: 2548 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a persistent NO_RESPONSE from eNodeB_CANDIDATE detected by CallpMgr.		
Impact: If multiple X2 are available, the eNodeB performance is low. If an X2 is present, the eNodeB service is not available.		
Remedial action: Check the behavior of the candidate eNodeB. If the alarm persists, check provisioning of the initiating and candidate eNodeBs.		

Table 19-537 IK4007045 ENB X2 SETUP REQ RESP FAIL UNKNOWN X2 ACCESS ID

Alarm	Attributes	Supported releases
Name: ENB X2 SETUP REQ RESP FAIL UNKNOWN X2 ACCESS ID InfoKey number: IK4007045 5620 SAM ID: 2549 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The eNodeB is implementing a check for future IOT. Common message like X2SAP X2 SETUP REQUEST/RESPONSE/FAILURE are received on a known X2 Access Id. If an unsolicited X2SAP X2 SETUP REQUEST message is received on an unknown X2 Access Id, the eNodeB answers with a X2SAP SETUP FAILURE and raises the event. If an unsolicited X2SAP X2 SETUP RESPONSE/FAILURE message is received on an unknown X2 ACCESS Id the eNodeB ignores the message and raises the event.		
Impact: If multiple X2 are available, the eNodeB performance is low. If an X2 is present, the eNodeB service is not available.		
Remedial action: Check the behavior of the candidate eNodeB. If the alarm persists, check provisioning of the initiating and candidate eNodeBs.		

Table 19-538 IK4007046 ANR X2IP ADDR RETRIEVAL FAILURE

Alarm	Attributes	Supported releases
Name: ANR X2IP ADDR RETRIEVAL FAILURE InfoKey number: IK4007046 5620 SAM ID: 2550 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the X2 IP address retrieval failure. When this alarm is raised, X2TarnsportLayerAccess is {Disabled, Failed} (and X2Access {Disabled, dependency}).		
Impact: The X2 link is not established until a valid IP address is assigned.		
Remedial action: Set the IP address manually.		

Table 19-539 IK4007051 END OF ANR ACTIVE PHASE

Alarm	Attributes	Supported releases
Name: END OF ANR ACTIVE PHASE InfoKey number: IK4007051 5620 SAM ID: 2551 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This event indicates the end of the intra-frequency LTE ANR active phase.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-540 IK4007052 CALLTRACE ACTIVATION FAILURE

Alarm	Attributes	Supported releases
Name: CALLTRACE ACTIVATION FAILURE InfoKey number: IK4007052 5620 SAM ID: 2552 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: applicationSubsystemFailure Default probable cause ID: 689 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the failure to activate a new trace recording session.		
Impact: No impact on eNodeB.		
Remedial action: Retry to activate the trace recording session.		

Table 19-541 IK4007053 CALLTRACE SIGN TRACE STOPPED BY MGT TRACE

Alarm	Attributes	Supported releases
Name: CALLTRACE SIGN TRACE STOPPED BY MGT TRACE InfoKey number: IK4007053 5620 SAM ID: 2553 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: applicationSubsystemFailure Default probable cause ID: 689 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the signaling based trace session is stopped when eNodeB received a management based trace session activation request.		
Impact: No impact on eNodeB.		
Remedial action: On completion of the management based trace session, reactivate the signaling based trace session.		

Table 19-542 IK4007054 CALLTRACE COLLECTION FAILURE

Alarm	Attributes	Supported releases
Name: CALLTRACE COLLECTION FAILURE InfoKey number: IK4007054 5620 SAM ID: 2554 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: applicationSubsystemFailure Default probable cause ID: 689 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the failure to collect trace data.		
Impact: No impact on eNodeB.		
Remedial action: Retry to activate the trace session.		

Table 19-543 IK4007055 CALLTRACE INVALID PARAMETER

Alarm	Attributes	Supported releases
Name: CALLTRACE INVALID PARAMETER InfoKey number: IK4007055 5620 SAM ID: 2555 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: applicationSubsystemFailure Default probable cause ID: 689 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This even indicates the parameter received for call trace is invalid.		
Impact: Call Trace session is de-activated.		
Remedial action: Verify and correct the Call Trace parameters. Retry to activate the trace session.		

Table 19-544 IK4007056 DSIM CELL AUTO BARRED

Alarm	Attributes	Supported releases
Name: DSIM CELL AUTO BARRED InfoKey number: IK4007056 5620 SAM ID: 2556 Type: communicationsAlarm Alarm type ID: 4	Severity: major Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the cell is auto-barred. If Dynamic Sysinfo Modification feature activated and MIM parameter LteCell.cellBarred set to 'notBarredAutoBarrable', the cell is auto-barred due to S1 service loss. This alarm is cleared when the cell is auto-unbarred due to S1 service recovery. When this alarm is raised, the related LteCell instance is {Enabled, Off-duty}.		
Impact: The cell cannot provide service as the cell is barred from use.		
Remedial action: Resolve the S1 faults and restore S1 service.		

Table 19-545 IK4007057 MME S1AP COMMON MESSAGE BAD ROUTING

Alarm	Attributes	Supported releases
Name: MME S1AP COMMON MESSAGE BAD ROUTING InfoKey number: IK4007057 5620 SAM ID: 2557 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the UeCallIp was routed a non-UE associated message.		
Impact: The UeCallIP discards the non-UE associated message.		
Remedial action: No action is required.		

Table 19-546 IK4007058 MME S1AP DEDICATED MESSAGE BAD ROUTING

Alarm	Attributes	Supported releases
Name: MME S1AP DEDICATED MESSAGE BAD ROUTING InfoKey number: IK4007058 5620 SAM ID: 2558 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that CallPmgr was routed an UE associated message, that was therefore discarded.		
Impact: The CallIPMgr discards the UE associated message.		
Remedial action: No action is required.		

Table 19-547 IK4007059 ENB X2AP MESSAGE MISMATCH

Alarm	Attributes	Supported releases
Name: ENB X2AP MESSAGE MISMATCH InfoKey number: IK4007059 5620 SAM ID: 2559 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the fault when X2AP message including 'served cell info' is received. CallP cross-checks in the MiM neighboring cells relating to a remote eNodeB with list of served cells received from the current eNodeB. This fault can be triggered upon reception of X2AP X2 SETUP REQUEST, X2AP X2 SETUP RESPONSE or X2AP ENB CONFIGURATION UPDATE. This event is not used when ANR is activated because the cross-check is not performed.		
Impact: The eNodeB performance is low. The ENB configurations are not coherent. The callIP uses MiM data for mobility that leads to handover failures.		
Remedial action: Check for consistency between the initiating and candidate ENodeBs provisioning. Ensure that the configuration of eNodeB1 of neighboring cells corresponding to eNodeB2 matches the configuration in eNodeB2 of served cells.		

Table 19-548 IK4007060 CELL INCORRECT PARAMETER SETTING

Alarm	Attributes	Supported releases
Name: CELL INCORRECT PARAMETER SETTING InfoKey number: IK4007060 5620 SAM ID: 2560 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the parameter set by the operator exceeds the hardware or the software capabilities of the module. The alarm is cleared when the parameter value is within the hardware or software capabilities.		
Impact: LteCell configuration is not possible.		
Remedial action: Check the parameters for hardware capabilities. If required, change the hardware to match the request.		

Table 19-549 IK4007061 RADIOCAC INCORRECT PARAMETER SETTING

Alarm	Attributes	Supported releases
Name: RADIOCAC INCORRECT PARAMETER SETTING InfoKey number: IK4007061 5620 SAM ID: 2561 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: major Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This alarm indicates that the parameter set by the operator exceeds the hardware or the software capabilities of the module. The alarm is cleared when the parameter value is within the hardware or software capabilities.		
Impact: LteCell configuration is not possible.		
Remedial action: Check the parameters for hardware capabilities. If required, change the hardware to match the request.		

Table 19-550 IK4007062 CAC FAILURE DETECTION

Alarm	Attributes	Supported releases
Name: CAC FAILURE DETECTION InfoKey number: IK4007062 5620 SAM ID: 2562 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: major Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0
Description: This alarm indicates the lack of capacity to add radio bearers or new UEs. The alarm is cleared when the calls are not rejected due to CAC failure over a period of time.		
Impact: Calls or Bearers establishment are rejected.		
Remedial action: Check the parameters for hardware capabilities. If required, change the hardware to match the request.		

Table 19-551 IK4007063 CE CELL SETUP REFUSED

Alarm	Attributes	Supported releases
Name: CE CELL SETUP REFUSED InfoKey number: IK4007063 5620 SAM ID: 2563 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0
Description: This alarm indicates that the BB CE rejected the cell setup.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Call the next level of support.		

Table 19-552 IK4007064 CE CELL SETUP TIMEOUT

Alarm	Attributes	Supported releases
Name: CE CELL SETUP TIMEOUT InfoKey number: IK4007064 5620 SAM ID: 2564 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0
Description: This alarm indicates a no-response from BB CE entity detected during the cell setup.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Lock and unlock the cell. If the alarm persists, call the next level of support.		

Table 19-553 IK4007065 CE GLOBAL SETUP REFUSED

Alarm	Attributes	Supported releases
Name: CE GLOBAL SETUP REFUSED InfoKey number: IK4007065 5620 SAM ID: 2565 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0
Description: This alarm indicates that the BB CE rejected the global setup.		
Impact: The BB service is not possible.		
Remedial action: Call the next level of support.		

Table 19-554 IK4007066 CE GLOBAL SETUP TIMEOUT

Alarm	Attributes	Supported releases
Name: CE GLOBAL SETUP TIMEOUT InfoKey number: IK4007066 5620 SAM ID: 2566 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0
Description: This alarm indicates a no-response from BB CE in the global setup procedure.		
Impact: The BB service is not possible.		
Remedial action: Lock and unlock the BB. If the alarm persists, call the next level of support.		

Table 19-555 IK4007067 PQ3 CELL SETUP REFUSED

Alarm	Attributes	Supported releases
Name: PQ3 CELL SETUP REFUSED InfoKey number: IK4007067 5620 SAM ID: 2567 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0
Description: This alarm indicates that the BB PQ3 rejected the cell setup.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Call the next level of support.		

Table 19-556 IK4007068 PQ3 CELL SETUP TIMEOUT

Alarm	Attributes	Supported releases
Name: PQ3 CELL SETUP TIMEOUT InfoKey number: IK4007068 5620 SAM ID: 2568 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0
Description: This alarm indicates a no-response from BB PQ3 entity detected during the cell setup.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Lock and unlock the cell. If the alarm persists, call the next level of support.		

Table 19-557 IK4007069 PQ3 GLOBAL SETUP REFUSED

Alarm	Attributes	Supported releases
Name: PQ3 GLOBAL SETUP REFUSED InfoKey number: IK4007069 5620 SAM ID: 2569 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0
Description: This alarm indicates that the BB PQ3 rejected the global setup.		
Impact: The BB service is not possible.		
Remedial action: Call the next level of support.		

Table 19-558 IK4007070 PQ3 GLOBAL SETUP TIMEOUT

Alarm	Attributes	Supported releases
Name: PQ3 GLOBAL SETUP TIMEOUT InfoKey number: IK4007070 5620 SAM ID: 2570 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0
Description: This alarm indicates a no-response from BB PQ3 in the global setup procedure.		
Impact: The BB service is not possible.		
Remedial action: Lock and unlock the BB. If the alarm persists, call the next level of support.		

Table 19-559 IK4007071 L1L2 SYS INFO REFUSED

Alarm	Attributes	Supported releases
Name: L1L2 SYS INFO REFUSED InfoKey number: IK4007071 5620 SAM ID: 2571 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the BB L1/L2 entity rejected system information broadcast.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Call the next level of support.		

Table 19-560 IK4007072 L1L2 SYS INFO TIMEOUT

Alarm	Attributes	Supported releases
Name: L1L2 SYS INFO TIMEOUT InfoKey number: IK4007072 5620 SAM ID: 2572 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a no-response from BB L1/L2 entity detected during the system information broadcast procedure.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Lock and unlock the Cell. If the alarm persists, call the next level of support.		

Table 19-561 IK4007073 L1L2 CONFIG ERROR CELL SETUP

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR CELL SETUP InfoKey number: IK4007073 5620 SAM ID: 2573 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a configuration error from BB L1/L2 entity detected during the Cell Setup procedure.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Verify and correct the configuration data in the LTE CELL or CELL CONF.		

Table 19-562 IK4007074 L1L2 CELL SETUP REFUSED

Alarm	Attributes	Supported releases
Name: L1L2 CELL SETUP REFUSED InfoKey number: IK4007074 5620 SAM ID: 2574 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the BB L1/L2 entity rejected the cell setup.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Call the next level of support.		

Table 19-563 IK4007075 L1L2 CELL SETUP TIMEOUT

Alarm	Attributes	Supported releases
Name: L1L2 CELL SETUP TIMEOUT InfoKey number: IK4007075 5620 SAM ID: 2575 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a no-response from BB L1/L2 entity detected during the Cell Setup procedure .		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Lock and unlock the cell. If the alarm persists, call the next level of support.		

Table 19-564 IK4007076 L1L2 CONFIG ERROR GLOBAL SETUP

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR GLOBAL SETUP InfoKey number: IK4007076 5620 SAM ID: 2576 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a configuration error from BB L1/L2 entity detected during the Global Setup procedure.		
Impact: The LTE service is not possible.		
Remedial action: Verify and correct the configuration data in the eNB MO.		

Table 19-565 IK4007077 L1L2 GLOBAL SETUP REFUSED

Alarm	Attributes	Supported releases
Name: L1L2 GLOBAL SETUP REFUSED InfoKey number: IK4007077 5620 SAM ID: 2577 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the BB L1/L2 entity rejected the global setup.		
Impact: The BB service is not possible.		
Remedial action: Call the next level of support.		

Table 19-566 IK4007078 L1L2 GLOBAL SETUP TIMEOUT

Alarm	Attributes	Supported releases
Name: L1L2 GLOBAL SETUP TIMEOUT InfoKey number: IK4007078 5620 SAM ID: 2578 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a no-response from BB L1/L2 entity detected during the Global Setup procedure.		
Impact: The BB service is not possible.		
Remedial action: Lock and unlock the BB. If the alarm persists, call the next level of support.		

Table 19-567 IK4007079 L1L2 CONFIG ERROR SYS INFO

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR SYS INFO InfoKey number: IK4007079 5620 SAM ID: 2579 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates configuration error from BB L1/L2 entity detected during system information broadcast.		
Impact: The LTE service is not possible on the affected cell.		
Remedial action: Verify and correct the configuration data in the LTE CELL or CELL CONF.		

Table 19-568 IK4007080 CAC FAILURE BEGIN

Alarm	Attributes	Supported releases
Name: CAC FAILURE BEGIN InfoKey number: IK4007080 5620 SAM ID: 2580 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that CallP reported a CAC failure.		
Impact: Some calls are rejected.		
Remedial action: No action is required.		

Table 19-569 IK4007081 CAC FAILURE END

Alarm	Attributes	Supported releases
Name: CAC FAILURE END InfoKey number: IK4007081 5620 SAM ID: 2581 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that CallP reported the expiration of the monitoring time interval timer.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-570 IK4007082 L1L2 CONFIG MEAS FAILURE

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG MEAS FAILURE InfoKey number: IK4007082 5620 SAM ID: 2582 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that Measurement Configuration failed at L1/L2 entity level.		
Impact: No impact on eNodeB. Radio Access Control evolution feature not activated.		
Remedial action: Call the next level of support.		

Table 19-571 IK4007083 PCI COLLISION DETECTED UNDER RESOLUTION

Alarm	Attributes	Supported releases
Name: PCI COLLISION DETECTED UNDER RESOLUTION InfoKey number: IK4007083 5620 SAM ID: 2583 Type: operationalViolation Alarm type ID: 93	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a PCI collision between the cell and a neighbour one. The eNodeB attempts for a resolution.		
Impact: Interference in reference signal of conflicting cells, preventing potentially Ues to select these cells.		
Remedial action: If the alarm persists, call the next level of support.		

Table 19-572 IK4007084 PCI COLLISION DETECTED

Alarm	Attributes	Supported releases
Name: PCI COLLISION DETECTED InfoKey number: IK4007084 5620 SAM ID: 2584 Type: operationalViolation Alarm type ID: 93	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a PCI collision between the cell and a neighbour one. A manual intervention is needed to solve the problem. This can happen in the following cases: - The conflict could not be solved autonomously by the eNB; - The automatic PCI allocation is not activated		
Impact: Interference in reference signal of conflicting cells, preventing potentially Ues to select these cells.		
Remedial action: Increase the list of allowed PCI values, either for the local or for the distant eNodeB.		

Table 19-573 IK4007085 PCI CONFUSION DETECTED UNDER RESOLUTION

Alarm	Attributes	Supported releases
Name: PCI CONFUSION DETECTED UNDER RESOLUTION InfoKey number: IK4007085 5620 SAM ID: 2585 Type: operationalViolation Alarm type ID: 93	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a PCI confusion between the cell and a neighbour one. The eNodeB attempts for a resolution.		
Impact: Mobility procedure triggered in the cell is directed to a wrong neighboring cell, leading to further call drops.		
Remedial action: If the alarm persists, call the next level of support.		

Table 19-574 IK4007086 PCI CONFUSION

Alarm	Attributes	Supported releases
Name: PCI CONFUSION InfoKey number: IK4007086 5620 SAM ID: 2586 Type: operationalViolation Alarm type ID: 93	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a PCI confusion between the cell and a neighbour one. A manual intervention is needed to solve the problem. This can happen in the following cases: - The conflict could not be solved autonomously by the eNB; - The automatic PCI allocation is not activated		
Impact: Mobility procedure triggered in the cell is directed to a wrong neighboring cell, leading to further call drops.		
Remedial action: Increase the list of allowed PCI values, either for the local or for the distant eNodeB.		

Table 19-575 IK4007087 PCI CONFUSION NEIGHB CELLS

Alarm	Attributes	Supported releases
Name: PCI CONFUSION NEIGHB CELLS InfoKey number: IK4007087 5620 SAM ID: 2587 Type: operationalViolation Alarm type ID: 93	Severity: critical Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a PCI confusion between several neighbour cells. A manual intervention is needed to solve the problem. This issue may affect mobility procedures in any of the eNodeB cells.		
Impact: Mobility procedure triggered in the cell is directed to a wrong neighboring cell, leading to further call drops.		
Remedial action: Modify the list of allowed PCI values for the serving eNodeB conflicting with the neighboring cells.		

Table 19-576 IK4007088 ENB X2 COMMON MESSAGE BAD ROUTING

Alarm	Attributes	Supported releases
Name: ENB X2 COMMON MESSAGE BAD ROUTING InfoKey number: IK4007088 5620 SAM ID: 2588 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a X2-AP non-UE associated message is routed to UeCallP.		
Impact: The X2-AP non-UE associated message is not processed and is discarded by UeCallP.		
Remedial action: No action is required.		

Table 19-577 IK4007089 ENB X2 DEDICATED MESSAGE BAD ROUTING

Alarm	Attributes	Supported releases
Name: ENB X2 DEDICATED MESSAGE BAD ROUTING InfoKey number: IK4007089 5620 SAM ID: 2589 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a X2-AP UE associated message is routed to CallPMgr.		
Impact: The X2-AP UE associated message is not processed and is discarded by CallPMgr.		
Remedial action: No action is required.		

Table 19-578 IK4007091 PCI DETECTION OF INTERFERENCE

Alarm	Attributes	Supported releases
Name: PCI DETECTION OF INTERFERENCE InfoKey number: IK4007091 5620 SAM ID: 2590 Type: operationalViolation Alarm type ID: 93	Severity: critical Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the PCI interference.		
Impact: Interference in reference signal of conflicting cells. Impacts UE performance in the cells.		
Remedial action: Increase the list of allowed PCI values for the serving eNodeB. The eNodeB must be able to allocate PCIs that are different modulo 3 for its cells (or for a cell and 2 co-sector cells).		

Table 19-579 IK4007092 PCI ASSIGNMENT

Alarm	Attributes	Supported releases
Name: PCI ASSIGNMENT InfoKey number: IK4007092 5620 SAM ID: 2591 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the PCI of the cell is assigned or re-assigned by the eNodeB during eNodeB startup.		
Impact: The Cell is running with a new PCI. The new value will be synched up to SAM shortly.		
Remedial action: No action is required.		

Table 19-580 IK4007093 ANR SERVED CELL INFO NOT HANDLED

Alarm	Attributes	Supported releases
Name: ANR SERVED CELL INFO NOT HANDLED InfoKey number: IK4007093 5620 SAM ID: 2592 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the served cell and neighbor cell information received over X2 interface is not handled, because internal eNodeB tables reached the dimensioning limits.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-581 IK4007094 ENB CANDIDATE X2 ENB CONFIGURATION UPDATE FAILURE

Alarm	Attributes	Supported releases
Name: ENB CANDIDATE X2 ENB CONFIGURATION UPDATE FAILURE InfoKey number: IK4007094 5620 SAM ID: 2593 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): X2Access Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a persistent X2_ENB_CONFIGURATION_UPDATE_FAILURE message from eNB_Candidate eNodeB2 network element detected by CallpMgr.		
Impact: The service is degraded (with multiple X2s). The service is no longer available (without multiple X2s).		
Remedial action: Check the behavior of the candidate eNodeB. If the alarm persists, check provisioning of the initiating and candidate eNodeBs.		

Table 19-582 IK4007095 ENB CANDIDATE X2 ENB CONFIGURATION UPDATE NO RESPONSE

Alarm	Attributes	Supported releases
Name: ENB CANDIDATE X2 ENB CONFIGURATION UPDATE NO RESPONSE InfoKey number: IK4007095 5620 SAM ID: 2594 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a persistent NO_RESPONSE from eNodeB_CANDIDATE eNodeB2 network element detected by CallpMgr.		
Impact: The service is degraded (with multiple X2s). The service is no longer available (without multiple X2s).		
Remedial action: Check the behavior of the candidate eNodeB. If the alarm persists, check provisioning of the initiating and candidate eNodeBs.		

Table 19-583 IK4007096 MME S1 ENB CONFIGURATION UPDATE FAILURE RESPONSE

Alarm	Attributes	Supported releases
Name: MME S1 ENB CONFIGURATION UPDATE FAILURE RESPONSE InfoKey number: IK4007096 5620 SAM ID: 2595 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): MmeAccess Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a persistent S1_ENB_CONFIGURATION_UPDATE_FAILURE_RESPONSE from MME network element detected by CallpMgr.		
Impact: The service is degraded (with S1 flex). The service is no longer available (without S1 flex).		
Remedial action: Check the configuration and behavior of the MME.		

Table 19-584 IK4007097 MME S1 ENB CONFIGURATION UPDATE NO RESPONSE

Alarm	Attributes	Supported releases
Name: MME S1 ENB CONFIGURATION UPDATE NO RESPONSE InfoKey number: IK4007097 5620 SAM ID: 2596 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a persistent NO_RESPONSE from MME network element detected by CallPMgr.		
Impact: The service is degraded (with S1 flex). The service is no longer available (without S1 flex).		
Remedial action: Check the configuration and behavior of the MME.		

Table 19-585 IK4007098 INCONSISTENT IP ADDRESS

Alarm	Attributes	Supported releases
Name: INCONSISTENT IP ADDRESS InfoKey number: IK4007098 5620 SAM ID: 2597 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): X2Access Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the IP address attached to X2TransportLayerAccess instance depending on the X2Access instance is not correct.		
Impact: No impact on eNodeB.		
Remedial action: Verify and correct the configuration data.		

Table 19-586 IK4007099 GERAN SYS INFO TRANSFER INITIATION REPORT FAILURE

Alarm	Attributes	Supported releases
Name: GERAN SYS INFO TRANSFER INITIATION REPORT FAILURE InfoKey number: IK4007099 5620 SAM ID: 2598 Type: communicationsAlarm Alarm type ID: 4	Severity: minor Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that CallP does not manage to retrieve the system information (SI/PSI) of a target GERAN cell using RIM RAN-INFORMATION-REQUEST/multiple report.		
Impact: The service is degraded: the eNodeB is not able to provide SI/PSI of the target GERAN Cell identified in the Cell Change Order command sent to the UE.		
Remedial action: Check for the proper functioning of the following:1. GERAN cell provisioning2. RIM support for MME and SGSN3. IP routing path between eNodeB S1 interface IP endpoint and target BSC.		

Table 19-587 IK4007100 GERAN SYS INFO TRANSFER STOP FAILURE

Alarm	Attributes	Supported releases
Name: GERAN SYS INFO TRANSFER STOP FAILURE InfoKey number: IK4007100 5620 SAM ID: 2599 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that CallP does not manage to stop event-driven system information (SI/PSI) of a target GERAN Cell using RIM RAN-INFORMATION-REQUEST/stop.		
Impact: No impact on service.		
Remedial action: Check for the proper functioning of the following:1. GERAN cell provisioning2. RIM support for MME and SGSN3. IP routing path between eNodeB S1 interface IP endpoint and target BSC.		

Table 19-588 IK4007101 GERAN SYS INFO UPDATE END

Alarm	Attributes	Supported releases
Name: GERAN SYS INFO UPDATE END InfoKey number: IK4007101 5620 SAM ID: 2600 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the eNodeB CallP has received RIM RAN-INFORMATION/end message from a target BSC indicating that event-driven system information update for a target GERAN cell has been stopped.		
Impact: The service is degraded: the eNodeB is not able to provide SI/PSI of the target GERAN cell identified in Cell Change Order command sent to the UE.		
Remedial action: Check for the GERAN cell provisioning.		

Table 19-589 IK4007102 RAN INFORMATION ERROR

Alarm	Attributes	Supported releases
Name: RAN INFORMATION ERROR InfoKey number: IK4007102 5620 SAM ID: 2601 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that there is an error in RIM container IE when eNodeB receive RIM message from peer node or RAN-INFORMATION-ERROR message is received from peer node.		
Impact: This is an IOT issue.		
Remedial action: No action is required.		

Table 19-590 IK4007103 RAN INFORMATION APPLICATION ERROR

Alarm	Attributes	Supported releases
Name: RAN INFORMATION APPLICATION ERROR InfoKey number: IK4007103 5620 SAM ID: 2602 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates there is an error in application container IE or there is application error container IE when eNodeB receive RIM message from peer node.		
Impact: This is an IOT issue.		
Remedial action: No action is required.		

Table 19-591 IK4007104 CELL SETUP ARP TIMEOUT

Alarm	Attributes	Supported releases
Name: CELL SETUP ARP TIMEOUT InfoKey number: IK4007104 5620 SAM ID: 2603 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a non-response to an ARP resolution request detected during the Cell Setup procedure.		
Impact: LteCell configuration is not possible.		
Remedial action: Call the next level of support.		

Table 19-592 IK4007105 L1L2 CONFIG REFUSED CELL DELETE

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG REFUSED CELL DELETE InfoKey number: IK4007105 5620 SAM ID: 2604 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the cell deletion for logical cell resetting procedure is rejected by the BB entity.		
Impact: The service is not possible on this BB		
Remedial action: Lock then unlock the BB.		

Table 19-593 IK4007106 L1L2 CONFIG TIMEOUT CELL DELETE

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG TIMEOUT CELL DELETE InfoKey number: IK4007106 5620 SAM ID: 2605 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a non-response from BB entity for cell deletion in the logical cell resetting procedure.		
Impact: The service is not possible on this BB		
Remedial action: Lock then unlock the BB.		

Table 19-594 IK4007107 CELL CLEAN UP FAILURE

Alarm	Attributes	Supported releases
Name: CELL CLEAN UP FAILURE InfoKey number: IK4007107 5620 SAM ID: 2606 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a cell deletion failure when cell clean-up is triggered by LteCell instance deletion online, parameter update or when software failure happens		
Impact: The service is not possible on this BB		
Remedial action: Lock then unlock the BB.		

Table 19-595 IK4007108 ENB X2 PLMN INCONSISTENCY

Alarm	Attributes	Supported releases
Name: ENB X2 PLMN INCONSISTENCY InfoKey number: IK4007108 5620 SAM ID: 2607 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): X2Access Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates an inconsistency between the PLMN ID of Global eNB ID, Served Cell Information or Neighbour Information received from candidate eNB in X2AP message (X2 SETUP REQUEST, X2 SETUP RESPONSE, ENB CONFIGURATION UPDATE) and local eNodeB's PLMN ID.		
Impact: Handover to the remote eNodeB is restricted.		
Remedial action: Cross-check eNodeBs (initiating and candidate) provisioning.		

Table 19-596 IK4007109 L1L2 CONFIG ERROR CELL UPDATE

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR CELL UPDATE InfoKey number: IK4007109 5620 SAM ID: 2608 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a configuration error detected by BB entity for the cell update procedure.		
Impact: The service is not possible on this cell.		
Remedial action: Check and correct the wrong parameter.		

Table 19-597 IK4007110 L1L2 CONFIG REFUSED CELL UPDATE

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG REFUSED CELL UPDATE InfoKey number: IK4007110 5620 SAM ID: 2609 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a cell update is refused by the BB entity.		
Impact: The service is not possible on this cell.		
Remedial action: Call the next level of support.		

Table 19-598 IK4007111 L1L2 CONFIG TIMEOUT CELL UPDATE

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG TIMEOUT CELL UPDATE InfoKey number: IK4007111 5620 SAM ID: 2610 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a non-response by the BB entity to the cell update procedure.		
Impact: The service is not possible on this cell.		
Remedial action: Call the next level of support.		

Table 19-599 IK4007112 MME S1 SETUP REQUEST NOT SENT

Alarm	Attributes	Supported releases
Name: MME S1 SETUP REQUEST NOT SENT InfoKey number: IK4007112 5620 SAM ID: 2611 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the S1 Setup Request has not been sent because of an internal problem.		
Impact: The service is degraded (with S1 flex). The service is no longer available (without S1 flex).		
Remedial action: Check the parameters.		

Table 19-600 IK4007113 L1L2 CONFIG ERROR CELL MBMS SCHEDULING INFO

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG ERROR CELL MBMS SCHEDULING INFO InfoKey number: IK4007113 5620 SAM ID: 2612 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the Cell MBMS scheduling info is rejected by the BB entity because of a configuration error.		
Impact: The MBMS service is not possible on this cell.		
Remedial action: Check the parameters.		

Table 19-601 IK4007114 L1L2 CONFIG REFUSED CELL MBMS SCHEDULING INFO

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG REFUSED CELL MBMS SCHEDULING INFO InfoKey number: IK4007114 5620 SAM ID: 2613 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the Cell MBMS scheduling info is refused by the BB entity.		
Impact: The MBMS service is not possible on this cell.		
Remedial action: Call the next level of support.		

Table 19-602 IK4007115 L1L2 CONFIG TIMEOUT CELL MBMS SCHEDULING INFO

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG TIMEOUT CELL MBMS SCHEDULING INFO InfoKey number: IK4007115 5620 SAM ID: 2614 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a non-response by the BB entity to the Cell MBMS scheduling info procedure.		
Impact: The MBMS service is not possible on this cell.		
Remedial action: Call the next level of support.		

Table 19-603 IK4007116 BB DELAY CONFIG FAILURE

Alarm	Attributes	Supported releases
Name: BB DELAY CONFIG FAILURE InfoKey number: IK4007116 5620 SAM ID: 2615 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a modification of delays requiring BB to be reset so to use new values.		
Impact: The service is not possible on this BB.		
Remedial action: Reset the BB.		

Table 19-604 IK4007117 CALLTRACE SIGN BASED STOPPED BY DDT

Alarm	Attributes	Supported releases
Name: CALLTRACE SIGN BASED STOPPED BY DDT InfoKey number: IK4007117 5620 SAM ID: 3058 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: applicationSubsystemFailure Default probable cause ID: 689 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the signaling based trace session is stopped when eNodeB received a dynamic debug trace session activation request.		
Impact: No impact on eNodeB.		
Remedial action: On completion of the dynamic debug trace session, reactivate the signaling based trace session.		

Table 19-605 IK4007118 DYNAMIC DEBUG TRACE ACTIVATION FAILURE

Alarm	Attributes	Supported releases
Name: DYNAMIC DEBUG TRACE ACTIVATION FAILURE InfoKey number: IK4007118 5620 SAM ID: 3059 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: applicationSubsystemFailure Default probable cause ID: 689 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the dynamic debug trace activation failed.		
Impact: No impact on eNodeB.		
Remedial action: Reactivate the dynamic debug trace session.		

Table 19-606 IK4007119 DYNAMIC DEBUG TRACE INVALID PARAMETER

Alarm	Attributes	Supported releases
Name: DYNAMIC DEBUG TRACE INVALID PARAMETER InfoKey number: IK4007119 5620 SAM ID: 3060 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: applicationSubsystemFailure Default probable cause ID: 689 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the dynamic debug trace parameters are invalid.		
Impact: No impact on eNodeB.		
Remedial action: Check the dynamic debug trace parameters.		

Table 19-607 IK4007120 NO RRC CONNECTIONS DETECTED FOR A PERIOD

Alarm	Attributes	Supported releases
Name: NO RRC CONNECTIONS DETECTED FOR A PERIOD InfoKey number: IK4007120 5620 SAM ID: 3061 Type: communicationsAlarm Alarm type ID: 4	Severity: major Object type (class): Cell Default probable cause: communicationsSubsystemFailure Default probable cause ID: 915 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that no RRC connection has been setup for a period (no new connections, no re-establishments and no incoming handovers). This period is configurable per Cell.		
Impact: It is possible that RRC connections are being attempted but an error is not allowing any to be completed		
Remedial action: Check the configurable period and the hours this alarm is raised. If configurable period is long enough such that some connections should have been established, please call the next level of support.		

Table 19-608 IK4007121 BB FAULT 1

Alarm	Attributes	Supported releases
Name: BB FAULT 1 InfoKey number: IK4007121 5620 SAM ID: 3062 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): BBCardSpecifics Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-609 IK4007122 BB FAULT 2

Alarm	Attributes	Supported releases
Name: BB FAULT 2 InfoKey number: IK4007122 5620 SAM ID: 3063 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): BBCardSpecifics Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-610 IK4007123 BB FAULT 3

Alarm	Attributes	Supported releases
Name: BB FAULT 3 InfoKey number: IK4007123 5620 SAM ID: 3064 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): BBCardSpecifics Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-611 IK4007124 BB EVENT 1

Alarm	Attributes	Supported releases
Name: BB EVENT 1 InfoKey number: IK4007124 5620 SAM ID: 3065 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-612 IK4007125 BB EVENT 2

Alarm	Attributes	Supported releases
Name: BB EVENT 2 InfoKey number: IK4007125 5620 SAM ID: 3066 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-613 IK4007126 BB EVENT 3

Alarm	Attributes	Supported releases
Name: BB EVENT 3 InfoKey number: IK4007126 5620 SAM ID: 3067 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in. Unspecified BB fault detected		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-614 IK4007127 BSC_ACCESS FAULT 1

Alarm	Attributes	Supported releases
Name: BSC_ACCESS FAULT 1 InfoKey number: IK4007127 5620 SAM ID: 3068 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified BSC Access fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-615 IK4007128 BSC_ACCESS FAULT 2

Alarm	Attributes	Supported releases
Name: BSC_ACCESS FAULT 2 InfoKey number: IK4007128 5620 SAM ID: 3069 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified BSC Access fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-616 IK4007129 BSC_ACCESS FAULT 3

Alarm	Attributes	Supported releases
Name: BSC_ACCESS FAULT 3 InfoKey number: IK4007129 5620 SAM ID: 3070 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified BSC Access fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-617 IK4007130 BSC_ACCESS EVENT 1

Alarm	Attributes	Supported releases
Name: BSC_ACCESS EVENT 1 InfoKey number: IK4007130 5620 SAM ID: 3071 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-618 IK4007131 BSC_ACCESS EVENT 2

Alarm	Attributes	Supported releases
Name: BSC_ACCESS EVENT 2 InfoKey number: IK4007131 5620 SAM ID: 3072 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-619 IK4007132 BSC_ACCESS EVENT 3

Alarm	Attributes	Supported releases
Name: BSC_ACCESS EVENT 3 InfoKey number: IK4007132 5620 SAM ID: 3073 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BscAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-620 IK4007133 CELL FAULT 1

Alarm	Attributes	Supported releases
Name: CELL FAULT 1 InfoKey number: IK4007133 5620 SAM ID: 3074 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified Cell fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-621 IK4007134 CELL FAULT 2

Alarm	Attributes	Supported releases
Name: CELL FAULT 2 InfoKey number: IK4007134 5620 SAM ID: 3075 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified Cell fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-622 IK4007135 CELL FAULT 3

Alarm	Attributes	Supported releases
Name: CELL FAULT 3 InfoKey number: IK4007135 5620 SAM ID: 3076 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified Cell fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-623 IK4007136 CELL EVENT 1

Alarm	Attributes	Supported releases
Name: CELL EVENT 1 InfoKey number: IK4007136 5620 SAM ID: 3077 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-624 IK4007137 CELL EVENT 2

Alarm	Attributes	Supported releases
Name: CELL EVENT 2 InfoKey number: IK4007137 5620 SAM ID: 3078 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-625 IK4007138 CELL EVENT 3

Alarm	Attributes	Supported releases
Name: CELL EVENT 3 InfoKey number: IK4007138 5620 SAM ID: 3079 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-626 IK4007139 ENB FAULT 1

Alarm	Attributes	Supported releases
Name: ENB FAULT 1 InfoKey number: IK4007139 5620 SAM ID: 3080 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): ENBEquipment Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified eNodeB fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-627 IK4007140 ENB FAULT 2

Alarm	Attributes	Supported releases
Name: ENB FAULT 2 InfoKey number: IK4007140 5620 SAM ID: 3081 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): ENBEquipment Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified eNodeB fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-628 IK4007141 ENB FAULT 3

Alarm	Attributes	Supported releases
Name: ENB FAULT 3 InfoKey number: IK4007141 5620 SAM ID: 3082 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): ENBEquipment Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified eNodeB fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-629 IK4007142 ENB EVENT 1

Alarm	Attributes	Supported releases
Name: ENB EVENT 1 InfoKey number: IK4007142 5620 SAM ID: 3083 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-630 IK4007143 ENB EVENT 2

Alarm	Attributes	Supported releases
Name: ENB EVENT 2 InfoKey number: IK4007143 5620 SAM ID: 3084 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-631 IK4007144 ENB EVENT 3

Alarm	Attributes	Supported releases
Name: ENB EVENT 3 InfoKey number: IK4007144 5620 SAM ID: 3085 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-632 IK4007145 S1 FAULT 1

Alarm	Attributes	Supported releases
Name: S1 FAULT 1 InfoKey number: IK4007145 5620 SAM ID: 3086 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified S1 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-633 IK4007146 S1 FAULT 2

Alarm	Attributes	Supported releases
Name: S1 FAULT 2 InfoKey number: IK4007146 5620 SAM ID: 3087 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified S1 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-634 IK4007147 S1 FAULT 3

Alarm	Attributes	Supported releases
Name: S1 FAULT 3 InfoKey number: IK4007147 5620 SAM ID: 3088 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified S1 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-635 IK4007148 S1 EVENT 1

Alarm	Attributes	Supported releases
Name: S1 EVENT 1 InfoKey number: IK4007148 5620 SAM ID: 3089 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-636 IK4007149 S1 EVENT 2

Alarm	Attributes	Supported releases
Name: S1 EVENT 2 InfoKey number: IK4007149 5620 SAM ID: 3090 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-637 IK4007150 S1 EVENT 3

Alarm	Attributes	Supported releases
Name: S1 EVENT 3 InfoKey number: IK4007150 5620 SAM ID: 3091 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): MmeAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-638 IK4007151 X2 FAULT 1

Alarm	Attributes	Supported releases
Name: X2 FAULT 1 InfoKey number: IK4007151 5620 SAM ID: 3092 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified X2 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-639 IK4007152 X2 FAULT 2

Alarm	Attributes	Supported releases
Name: X2 FAULT 2 InfoKey number: IK4007152 5620 SAM ID: 3093 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified X2 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-640 IK4007153 X2 FAULT 3

Alarm	Attributes	Supported releases
Name: X2 FAULT 3 InfoKey number: IK4007153 5620 SAM ID: 3094 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified X2 fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional information for maintenance action details.		

Table 19-641 IK4007154 X2 EVENT 1

Alarm	Attributes	Supported releases
Name: X2 EVENT 1 InfoKey number: IK4007154 5620 SAM ID: 3095 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-642 IK4007155 X2 EVENT 2

Alarm	Attributes	Supported releases
Name: X2 EVENT 2 InfoKey number: IK4007155 5620 SAM ID: 3096 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-643 IK4007156 X2 EVENT 3

Alarm	Attributes	Supported releases
Name: X2 EVENT 3 InfoKey number: IK4007156 5620 SAM ID: 3097 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): X2Access Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-644 IK4007157 END OF INTERRAT UTRAN ANR ACTIVE PHASE

Alarm	Attributes	Supported releases
Name: END OF INTERRAT UTRAN ANR ACTIVE PHASE InfoKey number: IK4007157 5620 SAM ID: 3098 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): UltraFddNeighboringFreqConf Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This event indicates the end of the inter-RAT UTRAN ANR active phase.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-645 IK4007158 UTRAN NEIGHBOR RELATION MIB INSTANCE CANNOT BE REMOVED BY ANR

Alarm	Attributes	Supported releases
Name: UTRAN NEIGHBOR RELATION MIB INSTANCE CANNOT BE REMOVED BY ANR InfoKey number: IK4007158 5620 SAM ID: 3099 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): UltraFddNeighboringCellRelation Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This event indicates the UTRAN neighbor relation MIB instance is not removed because the removal is not allowed.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-646 IK4007159 CREATED UTRAN NEIGHBOR CANNOT BE ASSOCIATED TO RNC

Alarm	Attributes	Supported releases
Name: CREATED UTRAN NEIGHBOR CANNOT BE ASSOCIATED TO RNC InfoKey number: IK4007159 5620 SAM ID: 3100 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): UltraFddNeighboringCellRelation Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This event indicates no RNC is found to associate the UltraFddNeighbouringCellRelation.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-647 IK4007160 END CMAS ALERT

Alarm	Attributes	Supported releases
Name: END CMAS ALERT InfoKey number: IK4007160 5620 SAM ID: 3101 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: unspecifiedReason Default probable cause ID: 802 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the end of the CMAS message broadcast.		
Impact: No impact on service.		
Remedial action: No action is required.		

Table 19-648 IK4007161 L1L2 CONFIG REFUSED CMAS

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG REFUSED CMAS InfoKey number: IK4007161 5620 SAM ID: 3102 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the BB L1/L2 entity rejected CMAS message broadcast.		
Impact: The CMAS message broadcast is not possible on the affected cell.		
Remedial action: Call the next level of support.		

Table 19-649 IK4007162 L1L2 CONFIG TIMEOUT CMAS

Alarm	Attributes	Supported releases
Name: L1L2 CONFIG TIMEOUT CMAS InfoKey number: IK4007162 5620 SAM ID: 3103 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a no-response from BB L1/L2 entity detected during the CMAS broadcast procedure.		
Impact: The CMAS message broadcast is not possible on the affected cell.		
Remedial action: Call the next level of support.		

Table 19-650 IK4007163 UTRAN SYS INFO TRANSFER INITIATION REPORT FAILURE

Alarm	Attributes	Supported releases
Name: UTRAN SYS INFO TRANSFER INITIATION REPORT FAILURE InfoKey number: IK4007163 5620 SAM ID: 3104 Type: communicationsAlarm Alarm type ID: 4	Severity: minor Object type (class): RncAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that CallP does not manage to retrieve the system information (UTRASI) of a target UTRAN cell using RIM RAN-INFORMATION-REQUEST/multiple report.		
Impact: The service is degraded: the eNodeB is not able to provide UTRASI of the target UTRAN Cell in the RRC Connection Release sent to the UE.		
Remedial action: Check for the proper functioning of the following: 1. UTRAN cell provisioning 2. RIM support for MME and SGSN3. IP routing path between eNodeB S1 interface IP endpoint and target RNC.		

Table 19-651 IK4007164 UTRAN SYS INFO UPDATE STOP FAILURE

Alarm	Attributes	Supported releases
Name: UTRAN SYS INFO UPDATE STOP FAILURE InfoKey number: IK4007164 5620 SAM ID: 3105 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): RncAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that CallP does not manage to stop event-driven system information (UTRASI) of a target UTRAN Cell using RIM RAN-INFORMATION-REQUEST/stop.		
Impact: No impact on service.		
Remedial action: Check for the proper functioning of the following: 1. UTRAN cell provisioning 2. RIM support for MME and SGSN3. IP routing path between eNodeB S1 interface IP endpoint and target RNC.		

Table 19-652 IK4007165 UTRAN SYS INFO UPDATE END

Alarm	Attributes	Supported releases
Name: UTRAN SYS INFO UPDATE END InfoKey number: IK4007165 5620 SAM ID: 3106 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): RncAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the eNodeB CallP has received RIM RAN-INFORMATION/end message from a target RNC indicating that event-driven system information update for a target UTRAN cell has been stopped.		
Impact: The service is degraded: the eNodeB is not able to provide UTRASI of the target UTRAN cell in the RRC Connection Release sent to the UE.		
Remedial action: Check for the UTRAN cell provisioning.		

Table 19-653 IK4007166 UTRA RAN INFORMATION ERROR

Alarm	Attributes	Supported releases
Name: UTRA RAN INFORMATION ERROR InfoKey number: IK4007166 5620 SAM ID: 3107 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): RncAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that there is an error in RIM container IE when eNodeB receive RIM message from peer node or RAN-INFORMATION-ERROR message is received from peer node.		
Impact: The service is degraded: the eNodeB is not able to provide UTRASI of the target UTRAN cell in the RRC Connection Release sent to the UE.		
Remedial action: Check RIM messages		

Table 19-654 IK4007167 UTRA RAN INFORMATION APPLICATION ERROR

Alarm	Attributes	Supported releases
Name: UTRA RAN INFORMATION APPLICATION ERROR InfoKey number: IK4007167 5620 SAM ID: 3108 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): RncAccess Default probable cause: communicationsProtocolError Default probable cause ID: 901 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates there is an error in application container IE or there is application error container IE when eNodeB receive RIM message from peer node.		
Impact: The service is degraded: the eNodeB is not able to provide UTRASI of the target UTRAN cell in the RRC Connection Release sent to the UE.		
Remedial action: Check RIM messages		

Table 19-655 IK4007168 NEW INTERFREQ NEIGHBOUR DISCOVERED

Alarm	Attributes	Supported releases
Name: NEW INTERFREQ NEIGHBOUR DISCOVERED InfoKey number: IK4007168 5620 SAM ID: 3109 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a new inter-frequency neighbour cell has been discovered by the eNB through ANR measurement report.		
Impact: No impact on service.		
Remedial action: No action is required.		

Table 19-656 IK4007169 END OF INTRAFREQ LTE ANR ACTIVE PHASE

Alarm	Attributes	Supported releases
Name: END OF INTRAFREQ LTE ANR ACTIVE PHASE InfoKey number: IK4007169 5620 SAM ID: 3110 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the end of the intra-frequency LTE ANR active phase.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-657 IK4007170 MME S1 SETUP RESPONSE INCONSISTENCY

Alarm	Attributes	Supported releases
Name: MME S1 SETUP RESPONSE INCONSISTENCY InfoKey number: IK4007170 5620 SAM ID: 3111 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): MmeAccess Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a configuration mismatch between the MIM and the MME.		
Impact: No impact on service.		
Remedial action: Verify and correct the configuration data.		

Table 19-658 IK4008001 EBP INIT

Alarm	Attributes	Supported releases
Name: EBP INIT InfoKey number: IK4008001 5620 SAM ID: 2916 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates an initialization failure.		
Impact: EBP is out of service.		
Remedial action: Power cycle entire CB.		

Table 19-659 IK4008002 EBP TX

Alarm	Attributes	Supported releases
Name: EBP TX InfoKey number: IK4008002 5620 SAM ID: 2917 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a fault in transmit path.		
Impact: EBP is out of service.		
Remedial action: Check cable.		

Table 19-660 IK4008003 EBP RX

Alarm	Attributes	Supported releases
Name: EBP RX InfoKey number: IK4008003 5620 SAM ID: 2918 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a fault in receive path.		
Impact: EBP is out of service.		
Remedial action: Check cable.		

Table 19-661 IK4008004 EBP FAULT 1

Alarm	Attributes	Supported releases
Name: EBP FAULT 1 InfoKey number: IK4008004 5620 SAM ID: 3112 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-662 IK4008005 EBP FAULT 2

Alarm	Attributes	Supported releases
Name: EBP FAULT 2 InfoKey number: IK4008005 5620 SAM ID: 3113 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-663 IK4008006 EBP FAULT 3

Alarm	Attributes	Supported releases
Name: EBP FAULT 3 InfoKey number: IK4008006 5620 SAM ID: 3114 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-664 IK4008007 EBP FAULT 4

Alarm	Attributes	Supported releases
Name: EBP FAULT 4 InfoKey number: IK4008007 5620 SAM ID: 3115 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-665 IK4008008 EBP FAULT 5

Alarm	Attributes	Supported releases
Name: EBP FAULT 5 InfoKey number: IK4008008 5620 SAM ID: 3116 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Provisioned for late churn-in.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-666 IK4008009 EBP TRANS LSL BHPORT

Alarm	Attributes	Supported releases
Name: EBP TRANS LSL BHPORT InfoKey number: IK4008009 5620 SAM ID: 3117 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the detection of degraded received optical signal level on port.		
Impact: Degraded received optical signal strength on port 1.		
Remedial action: Check SFP module and fiber cable, cleaning or replacement is required.		

Table 19-667 IK4009001 AUTOTEST FAILURE

Alarm	Attributes	Supported releases
Name: AUTOTEST FAILURE InfoKey number: IK4009001 5620 SAM ID: 2616 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 19-668 IK4009002 AUTOTEST FAILURE

Alarm	Attributes	Supported releases
Name: AUTOTEST FAILURE InfoKey number: IK4009002 5620 SAM ID: 2617 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 19-669 IK4009003 AUTOTEST FAILURE

Alarm	Attributes	Supported releases
Name: AUTOTEST FAILURE InfoKey number: IK4009003 5620 SAM ID: 2618 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBSelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 19-670 IK4009004 AUTOTEST FAILURE

Alarm	Attributes	Supported releases
Name: AUTOTEST FAILURE InfoKey number: IK4009004 5620 SAM ID: 2619 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 19-671 IK4009005 AUTOTEST FAILURE

Alarm	Attributes	Supported releases
Name: AUTOTEST FAILURE InfoKey number: IK4009005 5620 SAM ID: 2620 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 19-672 IK4009012 MODULE EXTRACTION

Alarm	Attributes	Supported releases
Name: MODULE EXTRACTION InfoKey number: IK4009012 5620 SAM ID: 2625 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

Table 19-673 IK4009015 MODULE EXTRACTION

Alarm	Attributes	Supported releases
Name: MODULE EXTRACTION InfoKey number: IK4009015 5620 SAM ID: 2626 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

Table 19-674 IK4009016 MODULE EXTRACTION

Alarm	Attributes	Supported releases
Name: MODULE EXTRACTION InfoKey number: IK4009016 5620 SAM ID: 2627 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

Table 19-675 IK4009018 SCTP BOARD INIT FAILURE

Alarm	Attributes	Supported releases
Name: SCTP BOARD INIT FAILURE InfoKey number: IK4009018 5620 SAM ID: 2628 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to initialize the SCTP access.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

Table 19-676 IK4009019 S1 SCTP ASSOCIATION FAILURE

Alarm	Attributes	Supported releases
Name: S1 SCTP ASSOCIATION FAILURE InfoKey number: IK4009019 5620 SAM ID: 2629 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the MME does not acknowledge the S1 association request from the eNodeB.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and MME. 2. Check network connectivity between eNB and MME.		

Table 19-677 IK4009020 X2 SCTP ASSOCIATION FAILURE

Alarm	Attributes	Supported releases
Name: X2 SCTP ASSOCIATION FAILURE InfoKey number: IK4009020 5620 SAM ID: 2630 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the neighboring eNodeB does not acknowledge the X2 association requests from the eNodeB.		
Impact: Telecom: No impact on the cells. Impacts the handover. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

Table 19-678 IK4009021 S1 SCTP ASSOCIATION DOWN

Alarm	Attributes	Supported releases
Name: S1 SCTP ASSOCIATION DOWN InfoKey number: IK4009021 5620 SAM ID: 2631 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a S1 association fault between eNodeB and MME.		
Impact: Telecom: Impacts the telecom service depending on the nature of failure. OAM: No impact on OAM service.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and MME. 2. Check network connectivity between eNB and MME.		

Table 19-679 IK4009022 X2 SCTP ASSOCIATION DOWN

Alarm	Attributes	Supported releases
Name: X2 SCTP ASSOCIATION DOWN InfoKey number: IK4009022 5620 SAM ID: 2632 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a fault in the X2 association between the eNodeBs.		
Impact: Telecom: No impact on the cells. Impacts the handover. OAM: No impact on OAM service.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and peer eNB. 2. Check network connectivity between eNB and peer eNB.		

Table 19-680 IK4009023 WALG BOARD INITIALIZATION FAILURE

Alarm	Attributes	Supported releases
Name: WALG BOARD INITIALIZATION FAILURE InfoKey number: IK4009023 5620 SAM ID: 2633 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure to initialize the WAL gateway.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

Table 19-681 IK4009024 OAM INTERFACE CONFIGURATION FAILURE

Alarm	Attributes	Supported releases
Name: OAM INTERFACE CONFIGURATION FAILURE InfoKey number: IK4009024 5620 SAM ID: 2634 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure of the IP and Ethernet configuration on the OAM interface.		
Impact: Telecom: Telecom traffic is not possible. OAM: The eNodeB management is not possible.		
Remedial action: Reset the eNodeB. If the alarm persists, contact the next level of support.		

Table 19-682 IK4009025 TELECOM INTERFACE CONFIGURATION FAILURE

Alarm	Attributes	Supported releases
Name: TELECOM INTERFACE CONFIGURATION FAILURE InfoKey number: IK4009025 5620 SAM ID: 2635 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure of the IP and Ethernet configuration on the telecom interface.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB. If the alarm persists, contact the next level of support.		

Table 19-683 IK4009026 SSH SERVER START FAILURE

Alarm	Attributes	Supported releases
Name: SSH SERVER START FAILURE InfoKey number: IK4009026 5620 SAM ID: 2636 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to start the SSH server.		
Impact: Telecom: No impact on telecom service. OAM: SSH sessions on eNodeB are not possible.		
Remedial action: Reset the eNodeB.		

Table 19-684 IK4009027 SSH SERVER STOP FAILURE

Alarm	Attributes	Supported releases
Name: SSH SERVER STOP FAILURE InfoKey number: IK4009027 5620 SAM ID: 2637 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the failure to stop the SSH server.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-685 IK4009028 SNTP CLIENT START FAILURE

Alarm	Attributes	Supported releases
Name: SNTP CLIENT START FAILURE InfoKey number: IK4009028 5620 SAM ID: 2638 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to start the SNTP client.		
Impact: Telecom: No impact on telecom service. OAM: The eNodeB is not time synchronized with the NTP server.		
Remedial action: Reset the eNodeB.		

Table 19-686 IK4009029 SNTP CLIENT STOP FAILURE

Alarm	Attributes	Supported releases
Name: SNTP CLIENT STOP FAILURE InfoKey number: IK4009029 5620 SAM ID: 2639 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the failure to stop the SNTP client.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-687 IK4009032 DHCP CLIENT START FAILURE

Alarm	Attributes	Supported releases
Name: DHCP CLIENT START FAILURE InfoKey number: IK4009032 5620 SAM ID: 2640 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to start the DHCP client on the eNodeB network interface.		
Impact: Telecom: Telecom traffic is not possible. OAM: The eNodeB management is not possible.		
Remedial action: Reset the eNodeB.		

Table 19-688 IK4009033 DHCP CLIENT STOP FAILURE

Alarm	Attributes	Supported releases
Name: DHCP CLIENT STOP FAILURE InfoKey number: IK4009033 5620 SAM ID: 2641 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the failure to stop the DHCP client on the eNodeB network interface.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-689 IK4009034 UNEXPECTED DATA FROM DHCP SERVER

Alarm	Attributes	Supported releases
Name: UNEXPECTED DATA FROM DHCP SERVER InfoKey number: IK4009034 5620 SAM ID: 2642 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the lease time offered by the DHCP server is different from the lease time requested by the DHCP client.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Configure the DHCP server with an infinite lease time.		

Table 19-690 IK4009035 INCONSISTENT DATA FROM DHCP SERVER

Alarm	Attributes	Supported releases
Name: INCONSISTENT DATA FROM DHCP SERVER InfoKey number: IK4009035 5620 SAM ID: 2643 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the eNodeB does not support the modified IP address offered by the DHCP server.		
Impact: Telecom: No impact on telecom service. OAM: The eNodeB uses the old IP address. eNodeB management is still possible.		
Remedial action: Reset the eNodeB.		

Table 19-691 IK4009036 ETHERNET TRANSPORT FAILURE

Alarm	Attributes	Supported releases
Name: ETHERNET TRANSPORT FAILURE InfoKey number: IK4009036 5620 SAM ID: 2644 Type: communicationsAlarm Alarm type ID: 4	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates an interface error due to the counters exceeding the configured threshold.		
Impact: Telecom: The performance of the telecom service is low. OAM: The performance of the OAM service is low.		
Remedial action: Check the network status and cabling if possible. If the alarm persists, contact the next level support.		

Table 19-692 IK4009037 NO RESPONSE TO ECHO REQUEST ON S1

Alarm	Attributes	Supported releases
Name: NO RESPONSE TO ECHO REQUEST ON S1 InfoKey number: IK4009037 5620 SAM ID: 2645 Type: communicationsAlarm Alarm type ID: 4	Severity: critical Object type (class): MmeAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a S1 fault due to the GTP Echo request.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check for connectivity and verify the GTP provisioning.		

Table 19-693 IK4009039 NO CONTACT TO BOARD

Alarm	Attributes	Supported releases
Name: NO CONTACT TO BOARD InfoKey number: IK4009039 5620 SAM ID: 2646 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check the board connectivity.		

Table 19-694 IK4009040 NO CONTACT TO BOARD

Alarm	Attributes	Supported releases
Name: NO CONTACT TO BOARD InfoKey number: IK4009040 5620 SAM ID: 2647 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check the board connectivity.		

Table 19-695 IK4009041 NO CONTACT TO BOARD

Alarm	Attributes	Supported releases
Name: NO CONTACT TO BOARD InfoKey number: IK4009041 5620 SAM ID: 2648 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check the board connectivity.		

Table 19-696 IK4009042 NO RESPONSE TO ECHO REQUEST ON S1

Alarm	Attributes	Supported releases
Name: NO RESPONSE TO ECHO REQUEST ON S1 InfoKey number: IK4009042 5620 SAM ID: 2649 Type: communicationsAlarm Alarm type ID: 4	Severity: major Object type (class): MmeAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a S1 fault due to the GTP Echo request.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check for connectivity and verify the GTP provisioning.		

Table 19-697 IK4009044 S1 SCTP ASSOCIATION FAILURE

Alarm	Attributes	Supported releases
Name: S1 SCTP ASSOCIATION FAILURE InfoKey number: IK4009044 5620 SAM ID: 2650 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the MME does not acknowledge the S1 association request from the eNodeB.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and MME. 2. Check network connectivity between eNB and MME.		

Table 19-698 IK4009046 S1 SCTP ASSOCIATION DOWN

Alarm	Attributes	Supported releases
Name: S1 SCTP ASSOCIATION DOWN InfoKey number: IK4009046 5620 SAM ID: 2651 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a S1 association fault between eNodeB and MME.		
Impact: Telecom: Impacts the telecom service depending on the nature of failure. OAM: No impact on OAM service.		
Remedial action: 1. Check IP and SCTP provisioning in eNB and MME. 2. Check network connectivity between eNB and MME.		

Table 19-699 IK4009048 DHCP LEASE LOST

Alarm	Attributes	Supported releases
Name: DHCP LEASE LOST InfoKey number: IK4009048 5620 SAM ID: 2652 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the DHCP client lost the lease of the DHCP server.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Check for connectivity. Check for DHCP server and network configurations.		

Table 19-700 IK4009049 DHCP CLIENT LEASE FAILURE

Alarm	Attributes	Supported releases
Name: DHCP CLIENT LEASE FAILURE InfoKey number: IK4009049 5620 SAM ID: 2653 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure of the DHCP client to obtain the lease from the DHCP server.		
Impact: Telecom: Telecom traffic is not possible. OAM: The eNodeB backhaul interface is not configured.		
Remedial action: Check for connectivity. Check for DHCP server and network configurations.		

Table 19-701 IK4009050 IP LOOPBACK ACTIVE

Alarm	Attributes	Supported releases
Name: IP LOOPBACK ACTIVE InfoKey number: IK4009050 5620 SAM ID: 2654 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): CCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the IP loopback is activated.		
Impact: Telecom: Telecom traffic is not possible. OAM: The maintenance is restricted to local terminal.		
Remedial action: Call the next level of support.		

Table 19-702 IK4009051 IP LOOPBACK MANUAL TERMINATION

Alarm	Attributes	Supported releases
Name: IP LOOPBACK MANUAL TERMINATION InfoKey number: IK4009051 5620 SAM ID: 2655 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the IP loopback is manually stopped.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-703 IK4009052 IP LOOPBACK INACTIVITY PERIOD TERMINATION

Alarm	Attributes	Supported releases
Name: IP LOOPBACK INACTIVITY PERIOD TERMINATION InfoKey number: IK4009052 5620 SAM ID: 2656 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the IP loopback stopped automatically due to inactivity for certain period.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-704 IK4009053 IP LOOPBACK GUARD TIMER TERMINATION

Alarm	Attributes	Supported releases
Name: IP LOOPBACK GUARD TIMER TERMINATION InfoKey number: IK4009053 5620 SAM ID: 2657 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the IP loopback stopped automatically due to expiry of the guard timer.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-705 IK4009054 MODULE EXTRACTION

Alarm	Attributes	Supported releases
Name: MODULE EXTRACTION InfoKey number: IK4009054 5620 SAM ID: 2658 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

Table 19-706 IK4009055 MODULE EXTRACTION

Alarm	Attributes	Supported releases
Name: MODULE EXTRACTION InfoKey number: IK4009055 5620 SAM ID: 2659 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

Table 19-707 IK4009056 MODULE EXTRACTION

Alarm	Attributes	Supported releases
Name: MODULE EXTRACTION InfoKey number: IK4009056 5620 SAM ID: 2660 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

Table 19-708 IK4009057 NO CONTACT TO BOARD

Alarm	Attributes	Supported releases
Name: NO CONTACT TO BOARD InfoKey number: IK4009057 5620 SAM ID: 2661 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check for connectivity with the board.		

Table 19-709 IK4009058 NO CONTACT TO BOARD

Alarm	Attributes	Supported releases
Name: NO CONTACT TO BOARD InfoKey number: IK4009058 5620 SAM ID: 2662 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check for connectivity with the board.		

Table 19-710 IK4009059 NO CONTACT TO BOARD

Alarm	Attributes	Supported releases
Name: NO CONTACT TO BOARD InfoKey number: IK4009059 5620 SAM ID: 2663 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The performance of the telecom service is low. OAM: No impact on OAM service.		
Remedial action: Check for connectivity with the board.		

Table 19-711 IK4009060 OAM AMR FAULT 1

Alarm	Attributes	Supported releases
Name: OAM AMR FAULT 1 InfoKey number: IK4009060 5620 SAM ID: 3118 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-712 IK4009061 OAM AMR FAULT 2

Alarm	Attributes	Supported releases
Name: OAM AMR FAULT 2 InfoKey number: IK4009061 5620 SAM ID: 3119 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-713 IK4009062 OAM AMR FAULT 3

Alarm	Attributes	Supported releases
Name: OAM AMR FAULT 3 InfoKey number: IK4009062 5620 SAM ID: 3120 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-714 IK4009063 OAM AMR EVENT 1

Alarm	Attributes	Supported releases
Name: OAM AMR EVENT 1 InfoKey number: IK4009063 5620 SAM ID: 3121 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-715 IK4009064 OAM AMR EVENT 2

Alarm	Attributes	Supported releases
Name: OAM AMR EVENT 2 InfoKey number: IK4009064 5620 SAM ID: 3122 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-716 IK4009065 OAM AMR EVENT 3

Alarm	Attributes	Supported releases
Name: OAM AMR EVENT 3 InfoKey number: IK4009065 5620 SAM ID: 3123 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-717 IK4009066 OAM BB FAULT 1

Alarm	Attributes	Supported releases
Name: OAM BB FAULT 1 InfoKey number: IK4009066 5620 SAM ID: 3124 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-718 IK4009067 OAM BB FAULT 2

Alarm	Attributes	Supported releases
Name: OAM BB FAULT 2 InfoKey number: IK4009067 5620 SAM ID: 3125 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-719 IK4009068 OAM BB FAULT 3

Alarm	Attributes	Supported releases
Name: OAM BB FAULT 3 InfoKey number: IK4009068 5620 SAM ID: 3126 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-720 IK4009069 OAM BB EVENT 1

Alarm	Attributes	Supported releases
Name: OAM BB EVENT 1 InfoKey number: IK4009069 5620 SAM ID: 3127 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-721 IK4009070 OAM BB EVENT 2

Alarm	Attributes	Supported releases
Name: OAM BB EVENT 2 InfoKey number: IK4009070 5620 SAM ID: 3128 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-722 IK4009071 OAM BB EVENT 3

Alarm	Attributes	Supported releases
Name: OAM BB EVENT 3 InfoKey number: IK4009071 5620 SAM ID: 3129 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">FDD LA4.0TDD TLA3.0TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-723 IK4009072 OAM CB FAULT 1

Alarm	Attributes	Supported releases
Name: OAM CB FAULT 1 InfoKey number: IK4009072 5620 SAM ID: 3130 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">FDD LA4.0TDD TLA3.0TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-724 IK4009073 OAM CB FAULT 2

Alarm	Attributes	Supported releases
Name: OAM CB FAULT 2 InfoKey number: IK4009073 5620 SAM ID: 3131 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">FDD LA4.0TDD TLA3.0TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-725 IK4009074 OAM CB FAULT 3

Alarm	Attributes	Supported releases
Name: OAM CB FAULT 3 InfoKey number: IK4009074 5620 SAM ID: 3132 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-726 IK4009075 OAM CB EVENT 1

Alarm	Attributes	Supported releases
Name: OAM CB EVENT 1 InfoKey number: IK4009075 5620 SAM ID: 3133 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-727 IK4009076 OAM CB EVENT 2

Alarm	Attributes	Supported releases
Name: OAM CB EVENT 2 InfoKey number: IK4009076 5620 SAM ID: 3134 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-728 IK4009077 OAM CB EVENT 3

Alarm	Attributes	Supported releases
Name: OAM CB EVENT 3 InfoKey number: IK4009077 5620 SAM ID: 3135 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-729 IK4009078 OAM DBU FAULT 1

Alarm	Attributes	Supported releases
Name: OAM DBU FAULT 1 InfoKey number: IK4009078 5620 SAM ID: 3136 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-730 IK4009079 OAM DBU FAULT 2

Alarm	Attributes	Supported releases
Name: OAM DBU FAULT 2 InfoKey number: IK4009079 5620 SAM ID: 3137 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-731 IK4009080 OAM DBU FAULT 3

Alarm	Attributes	Supported releases
Name: OAM DBU FAULT 3 InfoKey number: IK4009080 5620 SAM ID: 3138 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-732 IK4009081 OAM DBU EVENT 1

Alarm	Attributes	Supported releases
Name: OAM DBU EVENT 1 InfoKey number: IK4009081 5620 SAM ID: 3139 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-733 IK4009082 OAM DBU EVENT 2

Alarm	Attributes	Supported releases
Name: OAM DBU EVENT 2 InfoKey number: IK4009082 5620 SAM ID: 3140 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-734 IK4009083 OAM DBU EVENT 3

Alarm	Attributes	Supported releases
Name: OAM DBU EVENT 3 InfoKey number: IK4009083 5620 SAM ID: 3141 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-735 IK4009084 OAM ENB FAULT 1

Alarm	Attributes	Supported releases
Name: OAM ENB FAULT 1 InfoKey number: IK4009084 5620 SAM ID: 3142 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-736 IK4009085 OAM ENB FAULT 2

Alarm	Attributes	Supported releases
Name: OAM ENB FAULT 2 InfoKey number: IK4009085 5620 SAM ID: 3143 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-737 IK4009086 OAM ENB FAULT 3

Alarm	Attributes	Supported releases
Name: OAM ENB FAULT 3 InfoKey number: IK4009086 5620 SAM ID: 3144 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-738 IK4009087 OAM ENB EVENT 1

Alarm	Attributes	Supported releases
Name: OAM ENB EVENT 1 InfoKey number: IK4009087 5620 SAM ID: 3145 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-739 IK4009088 OAM ENB EVENT 2

Alarm	Attributes	Supported releases
Name: OAM ENB EVENT 2 InfoKey number: IK4009088 5620 SAM ID: 3146 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-740 IK4009089 OAM ENB EVENT 3

Alarm	Attributes	Supported releases
Name: OAM ENB EVENT 3 InfoKey number: IK4009089 5620 SAM ID: 3147 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">• FDD LA4.0• TDD TLA3.0• TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-741 IK4009090 OAM TMA FAULT 1

Alarm	Attributes	Supported releases
Name: OAM TMA FAULT 1 InfoKey number: IK4009090 5620 SAM ID: 3148 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">• FDD LA4.0• TDD TLA3.0• TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-742 IK4009091 OAM TMA FAULT 2

Alarm	Attributes	Supported releases
Name: OAM TMA FAULT 2 InfoKey number: IK4009091 5620 SAM ID: 3149 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">• FDD LA4.0• TDD TLA3.0• TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-743 IK4009092 OAM TMA FAULT 3

Alarm	Attributes	Supported releases
Name: OAM TMA FAULT 3 InfoKey number: IK4009092 5620 SAM ID: 3150 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-744 IK4009093 OAM TMA EVENT 1

Alarm	Attributes	Supported releases
Name: OAM TMA EVENT 1 InfoKey number: IK4009093 5620 SAM ID: 3151 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-745 IK4009094 OAM TMA EVENT 2

Alarm	Attributes	Supported releases
Name: OAM TMA EVENT 2 InfoKey number: IK4009094 5620 SAM ID: 3152 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-746 IK4009095 OAM TMA EVENT 3

Alarm	Attributes	Supported releases
Name: OAM TMA EVENT 3 InfoKey number: IK4009095 5620 SAM ID: 3153 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">• FDD LA4.0• TDD TLA3.0• TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-747 IK4009096 OAM RET FAULT 1

Alarm	Attributes	Supported releases
Name: OAM RET FAULT 1 InfoKey number: IK4009096 5620 SAM ID: 3154 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">• FDD LA4.0• TDD TLA3.0• TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-748 IK4009097 OAM RET FAULT 2

Alarm	Attributes	Supported releases
Name: OAM RET FAULT 2 InfoKey number: IK4009097 5620 SAM ID: 3155 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">• FDD LA4.0• TDD TLA3.0• TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-749 IK4009098 OAM RET FAULT 3

Alarm	Attributes	Supported releases
Name: OAM RET FAULT 3 InfoKey number: IK4009098 5620 SAM ID: 3156 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-750 IK4009099 OAM RET EVENT 1

Alarm	Attributes	Supported releases
Name: OAM RET EVENT 1 InfoKey number: IK4009099 5620 SAM ID: 3157 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-751 IK4009100 OAM RET EVENT 2

Alarm	Attributes	Supported releases
Name: OAM RET EVENT 2 InfoKey number: IK4009100 5620 SAM ID: 3158 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-752 IK4009101 OAM RET EVENT 3

Alarm	Attributes	Supported releases
Name: OAM RET EVENT 3 InfoKey number: IK4009101 5620 SAM ID: 3159 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-753 IK4009102 OAM S1 FAULT 1

Alarm	Attributes	Supported releases
Name: OAM S1 FAULT 1 InfoKey number: IK4009102 5620 SAM ID: 3160 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): MmeAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-754 IK4009103 OAM S1 FAULT 2

Alarm	Attributes	Supported releases
Name: OAM S1 FAULT 2 InfoKey number: IK4009103 5620 SAM ID: 3161 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): MmeAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-755 IK4009104 OAM S1 FAULT 3

Alarm	Attributes	Supported releases
Name: OAM S1 FAULT 3 InfoKey number: IK4009104 5620 SAM ID: 3162 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): MmeAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-756 IK4009105 OAM S1 EVENT 1

Alarm	Attributes	Supported releases
Name: OAM S1 EVENT 1 InfoKey number: IK4009105 5620 SAM ID: 3163 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): MmeAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-757 IK4009106 OAM S1 EVENT 2

Alarm	Attributes	Supported releases
Name: OAM S1 EVENT 2 InfoKey number: IK4009106 5620 SAM ID: 3164 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): MmeAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-758 IK4009107 OAM S1 EVENT 3

Alarm	Attributes	Supported releases
Name: OAM S1 EVENT 3 InfoKey number: IK4009107 5620 SAM ID: 3165 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): MmeAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">FDD LA4.0TDD TLA3.0TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-759 IK4009108 OAM S1_TRANS FAULT 1

Alarm	Attributes	Supported releases
Name: OAM S1_TRANS FAULT 1 InfoKey number: IK4009108 5620 SAM ID: 3166 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">FDD LA4.0TDD TLA3.0TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-760 IK4009109 OAM S1_TRANS FAULT 2

Alarm	Attributes	Supported releases
Name: OAM S1_TRANS FAULT 2 InfoKey number: IK4009109 5620 SAM ID: 3167 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none">FDD LA4.0TDD TLA3.0TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-761 IK4009110 OAM S1_TRANS FAULT 3

Alarm	Attributes	Supported releases
Name: OAM S1_TRANS FAULT 3 InfoKey number: IK4009110 5620 SAM ID: 3168 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-762 IK4009111 OAM S1_TRANS EVENT 1

Alarm	Attributes	Supported releases
Name: OAM S1_TRANS EVENT 1 InfoKey number: IK4009111 5620 SAM ID: 3169 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-763 IK4009112 OAM S1_TRANS EVENT 2

Alarm	Attributes	Supported releases
Name: OAM S1_TRANS EVENT 2 InfoKey number: IK4009112 5620 SAM ID: 3170 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-764 IK4009113 OAM S1_TRANS EVENT 3

Alarm	Attributes	Supported releases
Name: OAM S1_TRANS EVENT 3 InfoKey number: IK4009113 5620 SAM ID: 3171 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-765 IK4009114 OAM X2 FAULT 1

Alarm	Attributes	Supported releases
Name: OAM X2 FAULT 1 InfoKey number: IK4009114 5620 SAM ID: 3172 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): X2Access Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-766 IK4009115 OAM X2 FAULT 2

Alarm	Attributes	Supported releases
Name: OAM X2 FAULT 2 InfoKey number: IK4009115 5620 SAM ID: 3173 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): X2Access Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-767 IK4009116 OAM X2 FAULT 3

Alarm	Attributes	Supported releases
Name: OAM X2 FAULT 3 InfoKey number: IK4009116 5620 SAM ID: 3174 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): X2Access Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-768 IK4009117 OAM X2 EVENT 1

Alarm	Attributes	Supported releases
Name: OAM X2 EVENT 1 InfoKey number: IK4009117 5620 SAM ID: 3175 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): X2Access Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-769 IK4009118 OAM X2 EVENT 2

Alarm	Attributes	Supported releases
Name: OAM X2 EVENT 2 InfoKey number: IK4009118 5620 SAM ID: 3176 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): X2Access Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-770 IK4009119 OAM X2 EVENT 3

Alarm	Attributes	Supported releases
Name: OAM X2 EVENT 3 InfoKey number: IK4009119 5620 SAM ID: 3177 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): X2Access Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-771 IK4009120 OAM X2_TRANS FAULT 1

Alarm	Attributes	Supported releases
Name: OAM X2_TRANS FAULT 1 InfoKey number: IK4009120 5620 SAM ID: 3178 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-772 IK4009121 OAM X2_TRANS FAULT 2

Alarm	Attributes	Supported releases
Name: OAM X2_TRANS FAULT 2 InfoKey number: IK4009121 5620 SAM ID: 3179 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-773 IK4009122 OAM X2_TRANS FAULT 3

Alarm	Attributes	Supported releases
Name: OAM X2_TRANS FAULT 3 InfoKey number: IK4009122 5620 SAM ID: 3180 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-774 IK4009123 OAM X2_TRANS EVENT 1

Alarm	Attributes	Supported releases
Name: OAM X2_TRANS EVENT 1 InfoKey number: IK4009123 5620 SAM ID: 3181 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-775 IK4009124 OAM X2_TRANS EVENT 2

Alarm	Attributes	Supported releases
Name: OAM X2_TRANS EVENT 2 InfoKey number: IK4009124 5620 SAM ID: 3182 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-776 IK4009125 OAM X2_TRANS EVENT 3

Alarm	Attributes	Supported releases
Name: OAM X2_TRANS EVENT 3 InfoKey number: IK4009125 5620 SAM ID: 3183 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-777 IK4009126 OAM RRH FAULT 1

Alarm	Attributes	Supported releases
Name: OAM RRH FAULT 1 InfoKey number: IK4009126 5620 SAM ID: 3184 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-778 IK4009127 OAM RRH FAULT 2

Alarm	Attributes	Supported releases
Name: OAM RRH FAULT 2 InfoKey number: IK4009127 5620 SAM ID: 3185 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-779 IK4009128 OAM RRH FAULT 3

Alarm	Attributes	Supported releases
Name: OAM RRH FAULT 3 InfoKey number: IK4009128 5620 SAM ID: 3186 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-780 IK4009129 OAM RRH EVENT 1

Alarm	Attributes	Supported releases
Name: OAM RRH EVENT 1 InfoKey number: IK4009129 5620 SAM ID: 3187 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-781 IK4009130 OAM RRH EVENT 2

Alarm	Attributes	Supported releases
Name: OAM RRH EVENT 2 InfoKey number: IK4009130 5620 SAM ID: 3188 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-782 IK4009131 OAM RRH EVENT 3

Alarm	Attributes	Supported releases
Name: OAM RRH EVENT 3 InfoKey number: IK4009131 5620 SAM ID: 3189 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-783 IK4009132 OAM TRDU FAULT 1

Alarm	Attributes	Supported releases
Name: OAM TRDU FAULT 1 InfoKey number: IK4009132 5620 SAM ID: 3190 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-784 IK4009133 OAM TRDU FAULT 2

Alarm	Attributes	Supported releases
Name: OAM TRDU FAULT 2 InfoKey number: IK4009133 5620 SAM ID: 3191 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-785 IK4009134 OAM TRDU FAULT 3

Alarm	Attributes	Supported releases
Name: OAM TRDU FAULT 3 InfoKey number: IK4009134 5620 SAM ID: 3192 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-786 IK4009135 OAM TRDU EVENT 1

Alarm	Attributes	Supported releases
Name: OAM TRDU EVENT 1 InfoKey number: IK4009135 5620 SAM ID: 3193 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-787 IK4009136 OAM TRDU EVENT 2

Alarm	Attributes	Supported releases
Name: OAM TRDU EVENT 2 InfoKey number: IK4009136 5620 SAM ID: 3194 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-788 IK4009137 OAM TRDU EVENT 3

Alarm	Attributes	Supported releases
Name: OAM TRDU EVENT 3 InfoKey number: IK4009137 5620 SAM ID: 3195 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare event for future use.		
Impact: Unknown.		
Remedial action: Unknown.		

Table 19-789 IK4009138 NO CONTACT TO BOARD

Alarm	Attributes	Supported releases
Name: NO CONTACT TO BOARD InfoKey number: IK4009138 5620 SAM ID: 3196 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The LTE cells associated with this module are not operational. OAM: No impact on OAM service.		
Remedial action: Check connectivity between controller and RFM. Check operation of RFM and controller. If the alarm persists, contact the next level of support.		

Table 19-790 IK4009139 NO CONTACT TO BOARD

Alarm	Attributes	Supported releases
Name: NO CONTACT TO BOARD InfoKey number: IK4009139 5620 SAM ID: 3197 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure in communication with the board.		
Impact: Telecom: The LTE cells associated with this module are not operational. OAM: No impact on OAM service.		
Remedial action: Check connectivity between controller and TRDU. Check operation of TRDU and controller. If the alarm persists, contact the next level of support.		

Table 19-791 IK4009140 AUTOTEST FAILURE

Alarm	Attributes	Supported releases
Name: AUTOTEST FAILURE InfoKey number: IK4009140 5620 SAM ID: 3198 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 19-792 IK4009141 AUTOTEST FAILURE

Alarm	Attributes	Supported releases
Name: AUTOTEST FAILURE InfoKey number: IK4009141 5620 SAM ID: 3199 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the self test of the module reported an error.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 19-793 IK4009142 MODULE EXTRACTION

Alarm	Attributes	Supported releases
Name: MODULE EXTRACTION InfoKey number: IK4009142 5620 SAM ID: 3200 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

Table 19-794 IK4009143 MODULE EXTRACTION

Alarm	Attributes	Supported releases
Name: MODULE EXTRACTION InfoKey number: IK4009143 5620 SAM ID: 3201 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the system detected extraction of the module.		
Impact: The resources processed by the module are lost.		
Remedial action: No action is required.		

Table 19-795 IK4009144 SFP EXTRACTED CPRI PORT

Alarm	Attributes	Supported releases
Name: SFP EXTRACTED CPRI PORT InfoKey number: IK4009144 5620 SAM ID: 3202 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that SFP module is extracted.		
Impact: Loss of RFM connection on CPRI port.		
Remedial action: Check SFP module and replace it.		

Table 19-796 IK4009150 SFP EXTRACTED ON ALL CPRI PORTS

Alarm	Attributes	Supported releases
Name: SFP EXTRACTED ON ALL CPRI PORTS InfoKey number: IK4009150 5620 SAM ID: 3203 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that SFP module of all ports are extracted.		
Impact: Loss of RFM connection on all CPRI ports.		
Remedial action: Check SFP modules and replace them if needed.		

Table 19-797 IK4009151 SFP EXTRACTED BHPORT

Alarm	Attributes	Supported releases
Name: SFP EXTRACTED BHPORT InfoKey number: IK4009151 5620 SAM ID: 3204 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that SFP module of Ethernet backhaul port is extracted.		
Impact: Loss of backhaul network access on port.		
Remedial action: Check SFP module and replace it.		

Table 19-798 IK4010001 RET UNREADABLE MANUFACTURER DATA

Alarm	Attributes	Supported releases
Name: RET UNREADABLE MANUFACTURER DATA InfoKey number: IK4010001 5620 SAM ID: 2664 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure to read manufacturer data record.		
Impact: The RET is out of service.		
Remedial action: Reset the RET, replace if necessary.		

Table 19-799 IK4010002 RET MOTOR JAM

Alarm	Attributes	Supported releases
Name: RET MOTOR JAM InfoKey number: IK4010002 5620 SAM ID: 2665 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RET motor cannot move.		
Impact: Loss of antenna tilt.		
Remedial action: Check for obstruction of antenna tilt mechanism, or replace failed RET actuator.		

Table 19-800 IK4010003 RET ACTUATOR JAM

Alarm	Attributes	Supported releases
Name: RET ACTUATOR JAM InfoKey number: IK4010003 5620 SAM ID: 2666 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that an actuator jam has been detected. No movement of the actuator, but movement of the motor was detected.		
Impact: Loss of antenna tilt.		
Remedial action: Check for obstruction of antenna tilt mechanism, or replace failed RET actuator.		

Table 19-801 IK4010004 RET NOT CALIBRATED

Alarm	Attributes	Supported releases
Name: RET NOT CALIBRATED InfoKey number: IK4010004 5620 SAM ID: 2667 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the device has not completed a calibration operation, or calibration has been lost		
Impact: RET needs re-calibration		
Remedial action: Execute the RET calibration procedure.		

Table 19-802 IK4010005 RET NOT CONFIGURED

Alarm	Attributes	Supported releases
Name: RET NOT CONFIGURED InfoKey number: IK4010005 5620 SAM ID: 2668 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the actuator antenna configuration file is missing.		
Impact: No Antenna Tilt Function.		
Remedial action: Download proper ACF configuration data and repeat calibration.		

Table 19-803 IK4010006 RET HW FAILURE

Alarm	Attributes	Supported releases
Name: RET HW FAILURE InfoKey number: IK4010006 5620 SAM ID: 2669 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a general RET hardware failure.		
Impact: The RET is out of service.		
Remedial action: Reset the RET, replace the RET if the problem persists.		

Table 19-804 IK4010007 RET ACTUATOR INTERFERENCE

Alarm	Attributes	Supported releases
Name: RET ACTUATOR INTERFERENCE InfoKey number: IK4010007 5620 SAM ID: 2670 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates an actuator movement outside the control of the RET unit. Probable cause is manual interference.		
Impact: The RET is out of service.		
Remedial action: Check the antenna panel for mechanical interference.		

Table 19-805 IK4010008 RET SOFTWARE FAIL

Alarm	Attributes	Supported releases
Name: RET SOFTWARE FAIL InfoKey number: IK4010008 5620 SAM ID: 2671 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a general RET SW failure.		
Impact: The RET is out of service.		
Remedial action: Reset the RET. If the problem persists then download new software to the RET, otherwise replace the RET.		

Table 19-806 IK4010009 RET ALD UNIT SUPPORT WRONG AISG VERSION

Alarm	Attributes	Supported releases
Name: RET ALD UNIT SUPPORT WRONG AISG VERSION InfoKey number: IK4010009 5620 SAM ID: 2672 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the ALD unit does not support AISG version 2.0.		
Impact: The RET is out of service.		
Remedial action: Upgrade the software.		

Table 19-807 IK4010010 RET LOSS OF COMM

Alarm	Attributes	Supported releases
Name: RET LOSS OF COMM InfoKey number: IK4010010 5620 SAM ID: 2673 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RET Default probable cause: communicationsSubsystemFailure Default probable cause ID: 915 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the RFM that acts as an AISG Controller lost communication to the RET unit.		
Impact: Loss of alarm reporting by the RET.		
Remedial action: Inspect and repair the AISG bus if needed, otherwise replace the RET.		

Table 19-808 IK4010011 RET FAULT 1

Alarm	Attributes	Supported releases
Name: RET FAULT 1 InfoKey number: IK4010011 5620 SAM ID: 3205 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified RET fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-809 IK4010012 RET FAULT 2

Alarm	Attributes	Supported releases
Name: RET FAULT 2 InfoKey number: IK4010012 5620 SAM ID: 3206 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified RET fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-810 IK4010013 RET FAULT 3

Alarm	Attributes	Supported releases
Name: RET FAULT 3 InfoKey number: IK4010013 5620 SAM ID: 3207 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified RET fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-811 IK4010014 RET FAULT 4

Alarm	Attributes	Supported releases
Name: RET FAULT 4 InfoKey number: IK4010014 5620 SAM ID: 3208 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified RET fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-812 IK4010015 RET FAULT 5

Alarm	Attributes	Supported releases
Name: RET FAULT 5 InfoKey number: IK4010015 5620 SAM ID: 3209 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: Unspecified RET fault.		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-813 IK4011001 ANTENNA_PORT RESOURCE DEPENDENCY TX

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT RESOURCE DEPENDENCY TX InfoKey number: IK4011001 5620 SAM ID: 3210 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This alarm indicates that the resource supporting the downlink antenna is not available. This is an internal fault only and should be removed from operator view, it is used to associate an antenna path failure due to CPRI link failure.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Check the RFM and the antenna. This is an internal fault only, remove from operator view.		

Table 19-814 IK4011002 ANTENNA_PORT RESOURCE DEPENDENCY RX

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT RESOURCE DEPENDENCY RX InfoKey number: IK4011002 5620 SAM ID: 3211 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This alarm indicates that the resource supporting the uplink antenna is not available. This is an internal fault only and should be removed from operator view, it is used to associate an antenna path failure due to CPRI link failure.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Check the RFM and the antenna. This is an internal fault only, remove from operator view		

Table 19-815 IK4011003 ANTENNA_PORT GAIN CONTROL WARNING TX

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT GAIN CONTROL WARNING TX InfoKey number: IK4011003 5620 SAM ID: 3212 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This alarm indicates that the transmit attenuation limit is reached, or an internal gain error is detected.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the antenna.		

Table 19-816 IK4011004 ANTENNA_PORT TX FAIL

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT TX FAIL InfoKey number: IK4011004 5620 SAM ID: 3213 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This alarm indicates the failure of the transmit chain. The RF transmission is not possible.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset RFM. Use the reset command on the SAM, or reset using the remote connection to NEM. If the alarm persists, replace the antenna.		

Table 19-817 IK4011005 ANTENNA_PORT GAIN CONTROL TX

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT GAIN CONTROL TX InfoKey number: IK4011005 5620 SAM ID: 3214 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This alarm indicates that the transmit main branch gain is out of range.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the antenna.		

Table 19-818 IK4011006 ANTENNA_PORT RF OUTPUT OVRDRV TX

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT RF OUTPUT OVRDRV TX InfoKey number: IK4011006 5620 SAM ID: 3215 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: powerProblem Default probable cause ID: 911 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This alarm indicates excessive RF level at amp output. The RF is interrupted for hardware protection.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the antenna.		

Table 19-819 IK4011007 ANTENNA_PORT RX FAIL

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT RX FAIL InfoKey number: IK4011007 5620 SAM ID: 3216 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This alarm indicates the RF receiver failure. If this RF receiver is the only configured receiver, the RECEIVER FAILURE alarm is also raised.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset RFM. Use the reset command on the SAM, or reset using the remote connection to NEM. If the alarm persists, replace antenna.		

Table 19-820 IK4011008 ANTENNA_PORT EQUIP FAIL TX

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT EQUIP FAIL TX InfoKey number: IK4011008 5620 SAM ID: 3217 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This alarm indicates that the amplifier DC input voltage is out of range. The RF output is not available.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Replace the antenna.		

Table 19-821 IK4011009 ANTENNA_PORT DIGITAL INPUT OVRDRV TX

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT DIGITAL INPUT OVRDRV TX InfoKey number: IK4011009 5620 SAM ID: 3218 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This alarm indicates that the Tx RMS input signal is at least 5dB greater than nominal maximum power.		
Impact: The module is not usable. The LTE cells associated with this module are not operational.		
Remedial action: Reset RFM. Use the reset command on the SAM, or reset using the remote connection to NEM. If the alarm persists, replace the antenna.		

Table 19-822 IK4011010 ANTENNA_PORT TX VSWR THRESH1

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT TX VSWR THRESH1 InfoKey number: IK4011010 5620 SAM ID: 3219 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This alarm indicates that the Tx VSWR test detected a THRESH Level violation.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead. If the alarm persists, replace the antenna.		

Table 19-823 IK4011011 ANTENNA_PORT TX VSWR THRESH2

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT TX VSWR THRESH2 InfoKey number: IK4011011 5620 SAM ID: 3220 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This alarm indicates that the Tx VSWR test detected a THRESH2 Level violation.		
Impact: The eNodeB performance is low due to TX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead. If the alarm persists, replace the antenna.		

Table 19-824 IK4011012 ANTENNA_PORT RX VSWR THRESH

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT RX VSWR THRESH InfoKey number: IK4011012 5620 SAM ID: 3221 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: adapterError Default probable cause ID: 688 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This alarm indicates that the Rx VSWR test detected a THRESH Level violation.		
Impact: The eNodeB performance is low due to RX losses.		
Remedial action: Check the cabling between RFM output and antenna. Check the connection torque value between the RFM and the bulkhead. If the alarm persists, replace the antenna.		

Table 19-825 IK4011013 ANTENNA_PORT LNA FAIL

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT LNA FAIL InfoKey number: IK4011013 5620 SAM ID: 3222 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This alarm indicates that the external filter module detected LNA failure.		
Impact: No impact on the eNodeB.		
Remedial action: Reset RFM. If the alarm persists, call the next level of support.		

Table 19-826 IK4011014 ANTENNA_PORT TTLNA FAILURE

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT TTLNA FAILURE InfoKey number: IK4011014 5620 SAM ID: 3223 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: This alarm indicates that the tower-top amplifier has failed or gone into bypass.		
Impact: The eNodeB performance is low.		
Remedial action: Check the tower-top amplifier.		

Table 19-827 IK4011015 ANTENNA_PORT FAULT 1

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT FAULT 1 InfoKey number: IK4011015 5620 SAM ID: 3224 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: Unspecified antenna port fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-828 IK4011016 ANTENNA_PORT FAULT 2

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT FAULT 2 InfoKey number: IK4011016 5620 SAM ID: 3225 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: Unspecified antenna port fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-829 IK4011017 ANTENNA_PORT FAULT 3

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT FAULT 3 InfoKey number: IK4011017 5620 SAM ID: 3226 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: Unspecified antenna port fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-830 IK4011018 ANTENNA_PORT FAULT 4

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT FAULT 4 InfoKey number: IK4011018 5620 SAM ID: 3227 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: Unspecified antenna port fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-831 IK4011019 ANTENNA_PORT FAULT 5

Alarm	Attributes	Supported releases
Name: ANTENNA_PORT FAULT 5 InfoKey number: IK4011019 5620 SAM ID: 3228 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0
Description: Unspecified antenna port fault		
Impact: Check the additional info for impact details.		
Remedial action: Check the additional info for maintenance action details.		

Table 19-832 IK4201001 SW CANNOT BE UPDATED AUTOMATICALLY

Alarm	Attributes	Supported releases
Name: SW CANNOT BE UPDATED AUTOMATICALLY InfoKey number: IK4201001 5620 SAM ID: 2674 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): CBCardSpecifcs Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure to download the software for the new module.		
Impact: Software for the module is not available.		
Remedial action: Check the code server setting. The code server path is accessible via SAM or NEM. Consult the SAM resp. NEM user guide specification to see how to access the code server attribute using either application.		

Table 19-833 IK4201002 CURRENT SW DOES NOT SUPPORT THE NEW HW MODULE

Alarm	Attributes	Supported releases
Name: CURRENT SW DOES NOT SUPPORT THE NEW HW MODULE InfoKey number: IK4201002 5620 SAM ID: 2675 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the current software does not support the hardware.		
Impact: Software for the module is not available.		
Remedial action: Requires a new software package to support the hardware.		

Table 19-834 IK4201003 SW NOT AVAILABLE, DOWNLOAD STARTED

Alarm	Attributes	Supported releases
Name: SW NOT AVAILABLE, DOWNLOAD STARTED InfoKey number: IK4201003 5620 SAM ID: 2676 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates that the software is not available and the download is started.		
Impact: Software for the module is not available.		
Remedial action: Wait for download to complete.		

Table 19-835 IK4201004 SW DOWNLOAD/ACTIVATION FAILURE

Alarm	Attributes	Supported releases
Name: SW DOWNLOAD/ACTIVATION FAILURE InfoKey number: IK4201004 5620 SAM ID: 2677 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure to download or activate the software for the new module.		
Impact: Telecom: Impacts the telecom service. OAM: No impact on OAM service.		
Remedial action: Reset the impacted module. If the alarm persists, contact the next level of support.		

Table 19-836 IK4201005 SW DOWNLOAD/ACTIVATION FAILURE

Alarm	Attributes	Supported releases
Name: SW DOWNLOAD/ACTIVATION FAILURE InfoKey number: IK4201005 5620 SAM ID: 2678 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): BBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure to download or activate the software for the new module.		
Impact: Telecom: Impacts the telecom service. OAM: No impact on OAM service.		
Remedial action: Reset the impacted module. If the alarm persists, contact the next level of support.		

Table 19-837 IK4201006 SW DOWNLOAD/ACTIVATION FAILURE

Alarm	Attributes	Supported releases
Name: SW DOWNLOAD/ACTIVATION FAILURE InfoKey number: IK4201006 5620 SAM ID: 2679 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): RRH Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure to download or activate the software for the new module.		
Impact: Telecom: Impacts the telecom service. OAM: No impact on OAM service.		
Remedial action: Reset the impacted module. If the alarm persists, contact the next level of support.		

Table 19-838 IK4201007 SW DOWNLOAD/ACTIVATION FAILURE

Alarm	Attributes	Supported releases
Name: SW DOWNLOAD/ACTIVATION FAILURE InfoKey number: IK4201007 5620 SAM ID: 2680 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): TRDU Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a failure to download or activate the software for the new module.		
Impact: Telecom: Impacts the telecom service. OAM: No impact on OAM service.		
Remedial action: Reset the impacted module. If the alarm persists, contact the next level of support.		

Table 19-839 IK4201008 SW NOT AVAILABLE, DOWNLOAD STARTED

Alarm	Attributes	Supported releases
Name: SW NOT AVAILABLE, DOWNLOAD STARTED InfoKey number: IK4201008 5620 SAM ID: 3229 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the software is not available and the download is started.		
Impact: Software for the module is not available.		
Remedial action: Wait for download to complete.		

Table 19-840 IK4305001 MODULE SCENARIO ERROR

Alarm	Attributes	Supported releases
Name: MODULE SCENARIO ERROR InfoKey number: IK4305001 5620 SAM ID: 2681 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 19-841 IK4305002 MODULE SCENARIO ERROR

Alarm	Attributes	Supported releases
Name: MODULE SCENARIO ERROR InfoKey number: IK4305002 5620 SAM ID: 2682 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 19-842 IK4305003 MODULE SCENARIO ERROR

Alarm	Attributes	Supported releases
Name: MODULE SCENARIO ERROR InfoKey number: IK4305003 5620 SAM ID: 2683 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 19-843 IK4305004 MODULE SCENARIO ERROR

Alarm	Attributes	Supported releases
Name: MODULE SCENARIO ERROR InfoKey number: IK4305004 5620 SAM ID: 2684 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 19-844 IK4305005 MODULE SCENARIO ERROR

Alarm	Attributes	Supported releases
Name: MODULE SCENARIO ERROR InfoKey number: IK4305005 5620 SAM ID: 2685 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 19-845 IK4305006 MISSING CALLP SUBSCRIPTION

Alarm	Attributes	Supported releases
Name: MISSING CALLP SUBSCRIPTION InfoKey number: IK4305006 5620 SAM ID: 2686 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the CallP instance did not send the subscribe message due to initialization error in the CallP instance.		
Impact: Telecom: The telecom resources processed by the module not operational. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

Table 19-846 IK4305007 MISSING CALLP REQUEST

Alarm	Attributes	Supported releases
Name: MISSING CALLP REQUEST InfoKey number: IK4305007 5620 SAM ID: 2687 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that there is no request from any CallP instance for the MIM status.		
Impact: Telecom: The telecom resources processed by the module not operational. OAM: No impact on OAM service.		
Remedial action: Reset the eNodeB.		

Table 19-847 IK4305008 RESET DB

Alarm	Attributes	Supported releases
Name: RESET DB InfoKey number: IK4305008 5620 SAM ID: 2688 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to restore database.		
Impact: The controller board resets automatically with an empty database.		
Remedial action: Contact the next level of support.		

Table 19-848 IK4305009 INCORRECT FREQUENCY BAND

Alarm	Attributes	Supported releases
Name: INCORRECT FREQUENCY BAND InfoKey number: IK4305009 5620 SAM ID: 2689 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the module is not compatible with the frequency band configuration data.		
Impact: The hardware does not support the frequency indicated in the configuration data.		
Remedial action: Verify the frequency band of the module with the configured frequency band. If the alarm persists, replace the module.		

Table 19-849 IK4305010 CELL CONFIGURATION FAILURE

Alarm	Attributes	Supported releases
Name: CELL CONFIGURATION FAILURE InfoKey number: IK4305010 5620 SAM ID: 2690 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure to configure the cell.		
Impact: Telecom: The telecom service on the cell is disabled. OAM: No impact on OAM service.		
Remedial action: Verify the cell configuration data. Reset the modem and allocate the cell resources.		

Table 19-850 IK4305011 MISSING CALLP ACTION

Alarm	Attributes	Supported releases
Name: MISSING CALLP ACTION InfoKey number: IK4305011 5620 SAM ID: 2691 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This alarm indicates that CallP did not update the OAM database.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Perform lock/unlock on the impacted cell. If needed, perform eNodeB reset.		

Table 19-851 IK4305012 INVALID CONFIGURATION DATA

Alarm	Attributes	Supported releases
Name: INVALID CONFIGURATION DATA InfoKey number: IK4305012 5620 SAM ID: 2692 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates inconsistency in the eNodeB configuration data.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-852 IK4305013 IP ADDRESS CONFIGURATION DATA MISMATCH

Alarm	Attributes	Supported releases
Name: IP ADDRESS CONFIGURATION DATA MISMATCH InfoKey number: IK4305013 5620 SAM ID: 2693 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): MmeTransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a mismatch in the IP address type and the actual IP address specified in the configuration data.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-853 IK4305014 IP ADDRESS CONFIGURATION DATA MISMATCH

Alarm	Attributes	Supported releases
Name: IP ADDRESS CONFIGURATION DATA MISMATCH InfoKey number: IK4305014 5620 SAM ID: 2694 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): X2TransportLayerAccess Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a mismatch in the IP address type and the actual IP address specified in the configuration data.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-854 IK4305017 INVALID TRANSPORT CONFIGURATION DATA

Alarm	Attributes	Supported releases
Name: INVALID TRANSPORT CONFIGURATION DATA InfoKey number: IK4305017 5620 SAM ID: 2697 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates an inconsistency in the eNodeB transport configuration data.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-855 IK4305018 PRIMARY IPSEC TUNNEL FAILURE

Alarm	Attributes	Supported releases
Name: PRIMARY IPSEC TUNNEL FAILURE InfoKey number: IK4305018 5620 SAM ID: 2698 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure of the primary IPsec tunnel.		
Impact: Telecom: Telecom traffic is not possible if the secondary IPsec tunnel is not configured. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

Table 19-856 IK4305019 SECONDARY IPSEC TUNNEL FAILURE

Alarm	Attributes	Supported releases
Name: SECONDARY IPSEC TUNNEL FAILURE InfoKey number: IK4305019 5620 SAM ID: 2699 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the failure of the secondary IPsec tunnel.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Check the IP Security configuration.		

Table 19-857 IK4305020 FACTORY MODE

Alarm	Attributes	Supported releases
Name: FACTORY MODE InfoKey number: IK4305020 5620 SAM ID: 2700 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the eNodeB is not completely configured.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Complete the eNodeB configuration.		

Table 19-858 IK4305021 VSWR CONFIGURATION FAILURE

Alarm	Attributes	Supported releases
Name: VSWR CONFIGURATION FAILURE InfoKey number: IK4305021 5620 SAM ID: 2701 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the thresholds of the VSWR configuration could not be applied to the eNodeB.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service but VSWR supervision may not be active.		
Remedial action: Verify the correctness of the configuration data. Apply again the data. Reset the eNodeB if it fails.		

Table 19-859 IK4305022 VSWR CONFIGURATION FAILURE

Alarm	Attributes	Supported releases
Name: VSWR CONFIGURATION FAILURE InfoKey number: IK4305022 5620 SAM ID: 2702 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the thresholds of the VSWR configuration could not be applied to the eNodeB.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service but VSWR supervision may not be active.		
Remedial action: Verify the correctness of the configuration data. Apply again the data. Reset the eNodeB if it fails.		

Table 19-860 IK4305023 DELAY TIMING OUT OF RANGE

Alarm	Attributes	Supported releases
Name: DELAY TIMING OUT OF RANGE InfoKey number: IK4305023 5620 SAM ID: 2703 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: corruptData Default probable cause ID: 910 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the delay timing values is out of range.		
Impact: Telecom: Telecom traffic is not possible. OAM: No impact on OAM service.		
Remedial action: Verify the correctness of the configuration data.		

Table 19-861 IK4305024 MODULE SCENARIO ERROR

Alarm	Attributes	Supported releases
Name: MODULE SCENARIO ERROR InfoKey number: IK4305024 5620 SAM ID: 2704 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 19-862 IK4305025 MODULE SCENARIO ERROR

Alarm	Attributes	Supported releases
Name: MODULE SCENARIO ERROR InfoKey number: IK4305025 5620 SAM ID: 2705 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 19-863 IK4305026 MODULE SCENARIO ERROR

Alarm	Attributes	Supported releases
Name: MODULE SCENARIO ERROR InfoKey number: IK4305026 5620 SAM ID: 2706 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the scenario failure due to no-response from the module.		
Impact: Telecom: The telecom resources processed by the module are lost as the module is out of service. OAM: No impact on OAM service.		
Remedial action: Reset the module. If the alarm persists, replace the module.		

Table 19-864 IK4305027 IP ADDRESS CONFIGURATION DATA MISMATCH

Alarm	Attributes	Supported releases
Name: IP ADDRESS CONFIGURATION DATA MISMATCH InfoKey number: IK4305027 5620 SAM ID: 2707 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): ENBEquipment Default probable cause: corruptData Default probable cause ID: 910 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the eNodeB performed an autonomous fallback to the previous transport configuration due to lack of OAM connectivity.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service if the eNodeB can be connected by the network management system.		
Remedial action: Verify and correct the configuration data.		

Table 19-865 IK4305028 TOTAL ROUND TRIP DELAY EXCEEDED

Alarm	Attributes	Supported releases
Name: TOTAL ROUND TRIP DELAY EXCEEDED InfoKey number: IK4305028 5620 SAM ID: 2708 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the eNodeB measured total round trip delay exceeds a predefined maximum allowed value.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify fiber length between Controller Board and Remote Radio Head. Verify antenna cable length.		

Table 19-866 IK4305029 DELAY COMPENSATION WARNING

Alarm	Attributes	Supported releases
Name: DELAY COMPENSATION WARNING InfoKey number: IK4305029 5620 SAM ID: 2709 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the eNodeB delay compensation is not accurate enough.		
Impact: Telecom: The cell might be impacted. OAM: No impact on OAM service.		
Remedial action: Verify delay compensation parameters.		

Table 19-867 IK4305030 HW SW CAPABILITY CHECK RADIOCAC FAILURE

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY CHECK RADIOCAC FAILURE InfoKey number: IK4305030 5620 SAM ID: 2710 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the configuration parameters, number of users per cell and/or number of data bearers per cell, exceed the HW or SW capabilities of the modem.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-868 IK4305031 HW SW CAPABILITY CHECK CELL FAILURE

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY CHECK CELL FAILURE InfoKey number: IK4305031 5620 SAM ID: 2711 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the configured bandwidth and/or downlink power of the cell is not in line with the HW capabilities.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-869 IK4305032 HW SW CAPABILITY CHECK DOWNGRADE

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY CHECK DOWNGRADE InfoKey number: IK4305032 5620 SAM ID: 2712 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the configuration data is inconsistent with the HW and SW capabilities of the eNodeB. OAM has downgraded the configured data to be in line with the HW and SW capabilities.		
Impact: Telecom: The cell is operational but degraded. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-870 IK4305033 DELAY COMPENSATION FAILURE

Alarm	Attributes	Supported releases
Name: DELAY COMPENSATION FAILURE InfoKey number: IK4305033 5620 SAM ID: 2713 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the eNodeB is unable to compute a valid downlink/uplink frame offset value for the modem.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify the fiber length between the controller board and the remote radio head. Verify the antenna cable length. Verify the delay compensation parameters.		

Table 19-871 IK4305034 DELAY COMPENSATION HW CAPABILITY FAILURE

Alarm	Attributes	Supported releases
Name: DELAY COMPENSATION HW CAPABILITY FAILURE InfoKey number: IK4305034 5620 SAM ID: 2714 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the eNodeB is unable to compute a valid downlink/uplink frame offset value for the modem because of hardware constraints.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify the hardware capabilities of the controller and of the remote radio head.		

Table 19-872 IK4305035 MISSING MODEM RESOURCES FOR CONFIGURED LTECELL

Alarm	Attributes	Supported releases
Name: MISSING MODEM RESOURCES FOR CONFIGURED LTECELL InfoKey number: IK4305035 5620 SAM ID: 3230 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that there are not enough modem resources available to support the configured cell.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-873 IK4305036 MISSING RFM FOR CONFIGURED LTECELL

Alarm	Attributes	Supported releases
Name: MISSING RFM FOR CONFIGURED LTECELL InfoKey number: IK4305036 5620 SAM ID: 3231 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that there are no sectors or RFMs available to support the configured cell.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-874 IK4305037 RFM EQUIPPED WITHOUT LTECELL CONFIGURATION

Alarm	Attributes	Supported releases
Name: RFM EQUIPPED WITHOUT LTECELL CONFIGURATION InfoKey number: IK4305037 5620 SAM ID: 3232 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): RRH Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that there is a RRH equipped but no cell is mapped on the sector.		
Impact: Telecom: The sector is not providing telecom services. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-875 IK4305038 RFM EQUIPPED WITHOUT LTECELL CONFIGURATION

Alarm	Attributes	Supported releases
Name: RFM EQUIPPED WITHOUT LTECELL CONFIGURATION InfoKey number: IK4305038 5620 SAM ID: 3233 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): TRDU Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that there is a TRDU equipped but no cell is mapped on the sector.		
Impact: Telecom: The sector is not providing telecom services. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-876 IK4305039 BB EQUIPPED WITHOUT LTECELL CONFIGURATION

Alarm	Attributes	Supported releases
Name: BB EQUIPPED WITHOUT LTECELL CONFIGURATION InfoKey number: IK4305039 5620 SAM ID: 3234 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that there is a modem equipped but no cell is mapped.		
Impact: Telecom: The modem board does not provide telecom services. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-877 IK4305040 HW SW CAPABILITY ANTENNA CONFIGURATION FAILURE

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY ANTENNA CONFIGURATION FAILURE InfoKey number: IK4305040 5620 SAM ID: 3235 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the antenna configuration data is inconsistent with the hardware and software capabilities of the eNodeB.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-878 IK4305041 HW SW CAPABILITY DLEARFCN VIOLATE LOWER BANDEDGE

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY DLEARFCN VIOLATE LOWER BANDEDGE InfoKey number: IK4305041 5620 SAM ID: 3236 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the configured downlink EARFCN with the configured bandwidth violate the lower operating band edge.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-879 IK4305042 HW SW CAPABILITY DLEARFCN VIOLATE UPPER BANDEDGE

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY DLEARFCN VIOLATE UPPER BANDEDGE InfoKey number: IK4305042 5620 SAM ID: 3237 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the configured downlink EARFCN with the configured bandwidth violate the upper operating band edge.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-880 IK4305043 HW SW CAPABILITY ULEARFCN VIOLATE LOWER BANDEDGE

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY ULEARFCN VIOLATE LOWER BANDEDGE InfoKey number: IK4305043 5620 SAM ID: 3238 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the configured uplink EARFCN with the configured bandwidth violate the lower operating band edge.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-881 IK4305044 HW SW CAPABILITY ULEARFCN VIOLATE UPPER BANDEDGE

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY ULEARFCN VIOLATE UPPER BANDEDGE InfoKey number: IK4305044 5620 SAM ID: 3239 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the configured uplink EARFCN with the configured bandwidth violate the upper operating band edge.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-882 IK4305045 HW SW CAPABILITY RACK DOES NOT SUPPORT MODEM

Alarm	Attributes	Supported releases
Name: HW SW CAPABILITY RACK DOES NOT SUPPORT MODEM InfoKey number: IK4305045 5620 SAM ID: 3240 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the equipped modem version is not support by d2u rack version.		
Impact: Telecom: The modem board is not operational and can not provide telecom services. OAM: No impact on OAM service.		
Remedial action: Verify and correct the equipment configuration.		

Table 19-883 IK4305046 LOSS OF GEO LOC PHASE SYNC

Alarm	Attributes	Supported releases
Name: LOSS OF GEO LOC PHASE SYNC InfoKey number: IK4305046 5620 SAM ID: 3241 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the 100ns phase sync can no longer be guaranteed due to loss of GPS reference.		
Impact: Telecom: OTDOA service is no longer supported. Telecom traffic is still possible. OAM: No impact on OAM service.		
Remedial action: Resolve faulty references.		

Table 19-884 IK4305047 CDMA PHASE SYNC HOLDOVER TIMER EXPIRED

Alarm	Attributes	Supported releases
Name: CDMA PHASE SYNC HOLDOVER TIMER EXPIRED InfoKey number: IK4305047 5620 SAM ID: 3242 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the phase sync holdover time expired. The LTE to HRPD enhanced non optimized handover is no longer possible.		
Impact: Telecom: LTE to HRDP enhanced handover not possible. OAM: None.		
Remedial action: Resolve faulty references.		

Table 19-885 IK4305048 CT NOT STARTED DUE TO ACTIVE DDT

Alarm	Attributes	Supported releases
Name: CT NOT STARTED DUE TO ACTIVE DDT InfoKey number: IK4305048 5620 SAM ID: 3243 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that call trace could not be started because dynamic debug trace is already active.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-886 IK4305049 DDT NOT STARTED DUE TO ACTIVE CT

Alarm	Attributes	Supported releases
Name: DDT NOT STARTED DUE TO ACTIVE CT InfoKey number: IK4305049 5620 SAM ID: 3244 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that dynamic debug trace could not be started because call trace is already active.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data.		

Table 19-887 IK4305050 TRACE CONFIGURATION FAILURE

Alarm	Attributes	Supported releases
Name: TRACE CONFIGURATION FAILURE InfoKey number: IK4305050 5620 SAM ID: 3245 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the trace server destination could not be configured.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Verify and correct the configuration data. If the problem persists, reset the eNodeB.		

Table 19-888 IK4305051 UNCOMPLETE ENB SCENARIO RELATED TO CELL

Alarm	Attributes	Supported releases
Name: UNCOMPLETE ENB SCENARIO RELATED TO CELL InfoKey number: IK4305051 5620 SAM ID: 3246 Type: processingErrorAlarm Alarm type ID: 81	Severity: critical Object type (class): Cell Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that CallP did not update the OAM database.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Perform lock/unlock on the impacted cell. If needed, perform eNodeB reset.		

Table 19-889 IK4305052 FEATURE UNLIMITED PRB LICENSE NOT SUPPORTED

Alarm	Attributes	Supported releases
Name: FEATURE UNLIMITED PRB LICENSE NOT SUPPORTED InfoKey number: IK4305052 5620 SAM ID: 3247 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a modem type feature mismatch, feature UnlimitedPRBLicense is disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature UnlimitedPRBLicense which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-890 IK4305053 FEATURE MOBILITY TO 1XRTT NOT SUPPORTED

Alarm	Attributes	Supported releases
Name: FEATURE MOBILITY TO 1XRTT NOT SUPPORTED InfoKey number: IK4305053 5620 SAM ID: 3248 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a modem type feature mismatch, MobilityTo1xRTT feature disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature MobilityTo1xRTT which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-891 IK4305054 FEATURE UE CATEGORY 4 NOT SUPPORTED

Alarm	Attributes	Supported releases
Name: FEATURE UE CATEGORY 4 NOT SUPPORTED InfoKey number: IK4305054 5620 SAM ID: 3249 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a modem type feature mismatch, UeCategory4 feature disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature UeCategory4 which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-892 IK4305055 FEATURE SPS NOT SUPPORTED

Alarm	Attributes	Supported releases
Name: FEATURE SPS NOT SUPPORTED InfoKey number: IK4305055 5620 SAM ID: 3250 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a modem type feature mismatch, Sps feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature Sps which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-893 IK4305056 FEATURE ROHC NOT SUPPORTED

Alarm	Attributes	Supported releases
Name: FEATURE ROHC NOT SUPPORTED InfoKey number: IK4305056 5620 SAM ID: 3251 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a modem type feature mismatch, Rohc feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature Rohc which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-894 IK4305057 FEATURE ECID NOT SUPPORTED

Alarm	Attributes	Supported releases
Name: FEATURE ECID NOT SUPPORTED InfoKey number: IK4305057 5620 SAM ID: 3252 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a modem type feature mismatch, Ecid feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature Ecid which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-895 IK4305058 FEATURE OTDOA HEARABILITY ENHANCEMENT SUPPORT NOT SUPPORTED

Alarm	Attributes	Supported releases
Name: FEATURE OTDOA HEARABILITY ENHANCEMENT SUPPORT NOT SUPPORTED InfoKey number: IK4305058 5620 SAM ID: 3253 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a modem type feature mismatch, OTDOAHearabilityEnhancement feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature OTDOAHearabilityEnhancement which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-896 IK4305059 FEATURE 4 RX DIVERSITY NOT SUPPORTED

Alarm	Attributes	Supported releases
Name: FEATURE 4 RX DIVERSITY NOT SUPPORTED InfoKey number: IK4305059 5620 SAM ID: 3254 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a modem type feature 4RxDiversity mismatch, LteCell is operating in degraded mode.		
Impact: No impact on eNodeB except for the feature 4RxDiversity which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-897 IK4305060 FEATURE SYNC SIGNALS DIVERSITY NOT SUPPORTED

Alarm	Attributes	Supported releases
Name: FEATURE SYNC SIGNALS DIVERSITY NOT SUPPORTED InfoKey number: IK4305060 5620 SAM ID: 3255 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a modem type feature mismatch, SyncSignalsDiversity feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature SyncSignalsDiversity which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-898 IK4305061 FEATURE NOT SUPPORTED

Alarm	Attributes	Supported releases
Name: FEATURE NOT SUPPORTED InfoKey number: IK4305061 5620 SAM ID: 3256 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a modem type feature mismatch, feature is disabled by OAM.		
Impact: No impact on eNodeB except for the feature which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-899 IK4305062 EXPECTED MODEM NOT EQUIPPED

Alarm	Attributes	Supported releases
Name: EXPECTED MODEM NOT EQUIPPED InfoKey number: IK4305062 5620 SAM ID: 3257 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that equipped modem type does not fit the expectedModemType in the database.		
Impact: All features of modem type are not supported and modem is disabled by eNodeB OAM.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-900 IK4305063 FEATURE 15 MHZ NOT SUPPORTED BY MODEM TYPE

Alarm	Attributes	Supported releases
Name: FEATURE 15 MHZ NOT SUPPORTED BY MODEM TYPE InfoKey number: IK4305063 5620 SAM ID: 3258 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that modem type does not support 15 MHz bandwidth.		
Impact: Equipped modem type does not support 15 MHz and modem is disabled by eNodeB OAM.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-901 IK4305064 FEATURE MODEM TYPE DOES NOT SUPPORT OPERATING BAND

Alarm	Attributes	Supported releases
Name: FEATURE MODEM TYPE DOES NOT SUPPORT OPERATING BAND InfoKey number: IK4305064 5620 SAM ID: 3259 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that modem type does not support the configured operating band from feature point of view.		
Impact: Equipped modem type does not support the operating band from feature point of view and modem is disabled by eNodeB OAM.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-902 IK4305065 TMA SOFTWARE DOWNLOAD FAILURE

Alarm	Attributes	Supported releases
Name: TMA SOFTWARE DOWNLOAD FAILURE InfoKey number: IK4305065 5620 SAM ID: 3260 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the software download to the TMA unit failed.		
Impact: The telecom service may be degraded because of missing TMA amplification.		
Remedial action: Retry the download. If the problem persists, contact the next level support.		

Table 19-903 IK4305066 RET SOFTWARE DOWNLOAD FAILURE

Alarm	Attributes	Supported releases
Name: RET SOFTWARE DOWNLOAD FAILURE InfoKey number: IK4305066 5620 SAM ID: 3261 Type: processingErrorAlarm Alarm type ID: 81	Severity: minor Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the software download to the RET unit failed.		
Impact: No impact on eNodeB except that the antenna tilting can not be changed.		
Remedial action: Retry the download. If the problem persists, contact the next level support.		

Table 19-904 IK4305067 RET ANTENNA CONFIGURATION FILE DOWNLOAD FAILURE

Alarm	Attributes	Supported releases
Name: RET ANTENNA CONFIGURATION FILE DOWNLOAD FAILURE InfoKey number: IK4305067 5620 SAM ID: 3262 Type: processingErrorAlarm Alarm type ID: 81	Severity: major Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the configuration file download to the RET unit failed.		
Impact: No impact on eNodeB except that the antenna tilting can not be changed.		
Remedial action: Retry the download. If the problem persists, contact the next level support.		

Table 19-905 IK4305068 ANTENNA PATH LOST

Alarm	Attributes	Supported releases
Name: ANTENNA PATH LOST InfoKey number: IK4305068 5620 SAM ID: 3263 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): Cell Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that at least one antenna path of that cell is lost and that the cell operates in degraded mode (e.g. SIMO/SISO instead of MIMO).		
Impact: Telecom: The cell is still operational, but operates in degraded mode. OAM: No impact on OAM service.		
Remedial action: Verify the antennas and the RFM, belonging to the cell.		

Table 19-906 IK4305069 UNKNOWN FAULT

Alarm	Attributes	Supported releases
Name: UNKNOWN FAULT InfoKey number: IK4305069 5620 SAM ID: 3264 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the OAM layer of the eNodeB received an unknown fault from an other software layer. A specific handling of this unknown fault is not possible. Eventually available information about the unknown fault is provided in the alarm additional information attribute.		
Impact: The impact on the eNodeB depends on the nature of the unknown fault.		
Remedial action: Contact the next level of support.		

Table 19-907 IK4305070 3GPP TEST MODE CONFIGURATION FAILURE

Alarm	Attributes	Supported releases
Name: 3GPP TEST MODE CONFIGURATION FAILURE InfoKey number: IK4305070 5620 SAM ID: 3265 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that during the configuration of the 3GPP test mode the call processing layer or the modem software failed to process the provided configuration.		
Impact: The configuration of the desired 3GPP test mode on the cell failed. The test can not be started.		
Remedial action: Check and correct the configuration data. Lock/unlock the cell. If the problem persists, contact the next level support.		

Table 19-908 IK4305071 CELL DIV IMBALANCE THRESHOLD EXCEEDED

Alarm	Attributes	Supported releases
Name: CELL DIV IMBALANCE THRESHOLD EXCEEDED InfoKey number: IK4305071 5620 SAM ID: 3266 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): Cell Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates the exceedance of the imbalance threshold between the diversity receive signals.		
Impact: No impact on eNodeB.		
Remedial action: Check the antennas and antenna cables and connections. If the problem persists then replace the RFM.		

Table 19-909 IK4305072 OAM CELL FAULT 1

Alarm	Attributes	Supported releases
Name: OAM CELL FAULT 1 InfoKey number: IK4305072 5620 SAM ID: 3267 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-910 IK4305073 OAM CELL FAULT 2

Alarm	Attributes	Supported releases
Name: OAM CELL FAULT 2 InfoKey number: IK4305073 5620 SAM ID: 3268 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-911 IK4305074 OAM CELL FAULT 3

Alarm	Attributes	Supported releases
Name: OAM CELL FAULT 3 InfoKey number: IK4305074 5620 SAM ID: 3269 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-912 IK4305075 OAM CELL FAULT 4

Alarm	Attributes	Supported releases
Name: OAM CELL FAULT 4 InfoKey number: IK4305075 5620 SAM ID: 3270 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-913 IK4305076 OAM CELL FAULT 5

Alarm	Attributes	Supported releases
Name: OAM CELL FAULT 5 InfoKey number: IK4305076 5620 SAM ID: 3271 Type: processingErrorAlarm Alarm type ID: 81	Severity: warning Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This is a spare alarm for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-914 IK4305077 FEATURE GEO LOC PHASE SYNCH NOT SUPPORTED

Alarm	Attributes	Supported releases
Name: FEATURE GEO LOC PHASE SYNCH NOT SUPPORTED InfoKey number: IK4305077 5620 SAM ID: 3664 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a modem type feature mismatch, Geo loc phase synch feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature Geo loc phase synch which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-915 IK4305078 FEATURE IMS EMERGENCY CALL NOT SUPPORTED

Alarm	Attributes	Supported releases
Name: FEATURE IMS EMERGENCY CALL NOT SUPPORTED InfoKey number: IK4305078 5620 SAM ID: 3665 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): ENBEquipment Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a modem type feature mismatch, IMS emergency call feature is disabled by eNodeB OAM.		
Impact: No impact on eNodeB except for the feature IMS emergency call which is disabled.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-916 IK4305079 FEATURE RACH 2 FORMAT NOT SUPPORTED

Alarm	Attributes	Supported releases
Name: FEATURE RACH 2 FORMAT NOT SUPPORTED InfoKey number: IK4305079 5620 SAM ID: 3666 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a modem type feature RACH 2 format mismatch, LteCell is disabled by OAM.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-917 IK4305080 FEATURE DAS DELAY NOT SUPPORTED

Alarm	Attributes	Supported releases
Name: FEATURE DAS DELAY NOT SUPPORTED InfoKey number: IK4305080 5620 SAM ID: 3667 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a modem type feature DAS delay mismatch, LteCell is disabled by OAM.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-918 IK4305081 FEATURE 1.4 MHZ NOT SUPPORTED BY MODEM TYPE

Alarm	Attributes	Supported releases
Name: FEATURE 1.4 MHZ NOT SUPPORTED BY MODEM TYPE InfoKey number: IK4305081 5620 SAM ID: 3668 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): BBCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that modem type does not support 1.4 MHz bandwidth.		
Impact: Equipped modem type does not support 1.4 MHz and modem is disabled by eNodeB OAM.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-919 IK4305082 ALL ANTENNA PATHS LOST

Alarm	Attributes	Supported releases
Name: ALL ANTENNA PATHS LOST InfoKey number: IK4305082 5620 SAM ID: 3669 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): Cell Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates that all antenna paths of that cell are lost and that the cell is disabled.		
Impact: Telecom: The cell is not operational. OAM: No impact on OAM service.		
Remedial action: Verify the antennas and the RFM, belonging to the cell.		

Table 19-920 IK4305083 FEATURE LONG FIBER NOT SUPPORTED

Alarm	Attributes	Supported releases
Name: FEATURE LONG FIBER NOT SUPPORTED InfoKey number: IK4305083 5620 SAM ID: 3670 Type: equipmentAlarm Alarm type ID: 3	Severity: critical Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This alarm indicates a modem type feature long fibre delay mismatch, LteCell is disabled by OAM.		
Impact: Equipped modem type does not support long fiber lengths, LteCell is disabled by eNodeB OAM.		
Remedial action: Ensure compatibility between the eNodeB configuration data and the equipped modem type.		

Table 19-921 IK4305084 INCOMPATIBLE CONFIGURATION MAJOR

Alarm	Attributes	Supported releases
Name: INCOMPATIBLE CONFIGURATION MAJOR InfoKey number: IK4305084 5620 SAM ID: 3671 Type: equipmentAlarm Alarm type ID: 3	Severity: major Object type (class): RFM Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: The LTE controller has encountered an error while configuring this RE, possibly due to an incompatibility in the interface between controller and RE. As a result a cell assigned to this RE cannot be configured and activated.		
Impact: All cells assigned to the impacted RE, can not be configured or activated.		
Remedial action: Reconfigure the RE, especially with focus on the Multi Standard capabilities and dependencies of the RE.		

Table 19-922 IK4305085 INCOMPATIBLE CONFIGURATION WARNING

Alarm	Attributes	Supported releases
Name: INCOMPATIBLE CONFIGURATION WARNING InfoKey number: IK4305085 5620 SAM ID: 3672 Type: equipmentAlarm Alarm type ID: 3	Severity: warning Object type (class): RFM Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: The LTE controller has encountered an error while configuring the RE but the cell(s) on this RE can still be activated.		
Impact: The cell(s) on the impacted MSRE may not be fully operational.		
Remedial action: Reconfigure the RE, especially with focus on the Multi Standard capabilities and dependencies of the RE.		

Table 19-923 IK4305086 LOCAL CELL POWER LIMIT EXCEEDED

Alarm	Attributes	Supported releases
Name: LOCAL CELL POWER LIMIT EXCEEDED InfoKey number: IK4305086 5620 SAM ID: 3673 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: The downlink total power for a cell assigned to this RE exceeds the Local Cell Power Limit set at installation time.		
Impact: All cells assigned to the impacted RE, can not be configured or activated.		
Remedial action: Reconfigure the cell of this RE: set the power to be less than or equal to the local cell power limit defined for this MSRE at installation time.		

Table 19-924 IK4500001 AMR EXTERNAL CONTACT CHANGE 1

Alarm	Attributes	Supported releases
Name: AMR EXTERNAL CONTACT CHANGE 1 InfoKey number: IK4500001 5620 SAM ID: 2715 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

Table 19-925 IK4500002 AMR EXTERNAL CONTACT CHANGE 2

Alarm	Attributes	Supported releases
Name: AMR EXTERNAL CONTACT CHANGE 2 InfoKey number: IK4500002 5620 SAM ID: 2716 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

Table 19-926 IK4500003 AMR EXTERNAL CONTACT CHANGE 3

Alarm	Attributes	Supported releases
Name: AMR EXTERNAL CONTACT CHANGE 3 InfoKey number: IK4500003 5620 SAM ID: 2717 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

Table 19-927 IK4500004 AMR EXTERNAL CONTACT CHANGE 4

Alarm	Attributes	Supported releases
Name: AMR EXTERNAL CONTACT CHANGE 4 InfoKey number: IK4500004 5620 SAM ID: 2718 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

Table 19-928 IK4500005 AMR EXTERNAL CONTACT CHANGE 5

Alarm	Attributes	Supported releases
Name: AMR EXTERNAL CONTACT CHANGE 5 InfoKey number: IK4500005 5620 SAM ID: 2719 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

Table 19-929 IK4500006 AMR EXTERNAL CONTACT CHANGE 6

Alarm	Attributes	Supported releases
Name: AMR EXTERNAL CONTACT CHANGE 6 InfoKey number: IK4500006 5620 SAM ID: 2720 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

Table 19-930 IK4500007 AMR EXTERNAL CONTACT CHANGE 7

Alarm	Attributes	Supported releases
Name: AMR EXTERNAL CONTACT CHANGE 7 InfoKey number: IK4500007 5620 SAM ID: 2721 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

Table 19-931 IK4500008 AMR EXTERNAL CONTACT CHANGE 8

Alarm	Attributes	Supported releases
Name: AMR EXTERNAL CONTACT CHANGE 8 InfoKey number: IK4500008 5620 SAM ID: 2722 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the RF cabinet external contact for the user alarm closure has changed.		
Impact: Impacts the user equipment.		
Remedial action: Check the user equipment.		

Table 19-932 IK4500009 DBU EXTERNAL CONTACT CHANGE 1

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 1 InfoKey number: IK4500009 5620 SAM ID: 2723 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-933 IK4500010 DBU EXTERNAL CONTACT CHANGE 2

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 2 InfoKey number: IK4500010 5620 SAM ID: 2724 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-934 IK4500011 DBU EXTERNAL CONTACT CHANGE 3

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 3 InfoKey number: IK4500011 5620 SAM ID: 2725 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-935 IK4500012 DBU EXTERNAL CONTACT CHANGE 4

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 4 InfoKey number: IK4500012 5620 SAM ID: 2726 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-936 IK4500013 DBU EXTERNAL CONTACT CHANGE 5

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 5 InfoKey number: IK4500013 5620 SAM ID: 2727 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-937 IK4500014 DBU EXTERNAL CONTACT CHANGE 6

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 6 InfoKey number: IK4500014 5620 SAM ID: 2728 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-938 IK4500015 DBU EXTERNAL CONTACT CHANGE 7

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 7 InfoKey number: IK4500015 5620 SAM ID: 2729 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-939 IK4500016 DBU EXTERNAL CONTACT CHANGE 8

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 8 InfoKey number: IK4500016 5620 SAM ID: 2730 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-940 IK4500017 DBU EXTERNAL CONTACT CHANGE 9

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 9 InfoKey number: IK4500017 5620 SAM ID: 2731 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-941 IK4500018 DBU EXTERNAL CONTACT CHANGE 10

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 10 InfoKey number: IK4500018 5620 SAM ID: 2732 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-942 IK4500019 DBU EXTERNAL CONTACT CHANGE 11

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 11 InfoKey number: IK4500019 5620 SAM ID: 2733 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-943 IK4500020 DBU EXTERNAL CONTACT CHANGE 12

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 12 InfoKey number: IK4500020 5620 SAM ID: 2734 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-944 IK4500021 DBU EXTERNAL CONTACT CHANGE 13

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 13 InfoKey number: IK4500021 5620 SAM ID: 2735 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-945 IK4500022 DBU EXTERNAL CONTACT CHANGE 14

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 14 InfoKey number: IK4500022 5620 SAM ID: 2736 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-946 IK4500023 DBU EXTERNAL CONTACT CHANGE 15

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 15 InfoKey number: IK4500023 5620 SAM ID: 2737 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-947 IK4500024 DBU EXTERNAL CONTACT CHANGE 16

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 16 InfoKey number: IK4500024 5620 SAM ID: 2738 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-948 IK4500025 DBU EXTERNAL CONTACT CHANGE 17

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 17 InfoKey number: IK4500025 5620 SAM ID: 2739 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-949 IK4500026 DBU EXTERNAL CONTACT CHANGE 18

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 18 InfoKey number: IK4500026 5620 SAM ID: 2740 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-950 IK4500027 DBU EXTERNAL CONTACT CHANGE 19

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 19 InfoKey number: IK4500027 5620 SAM ID: 2741 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-951 IK4500028 DBU EXTERNAL CONTACT CHANGE 20

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 20 InfoKey number: IK4500028 5620 SAM ID: 2742 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-952 IK4500029 DBU EXTERNAL CONTACT CHANGE 21

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 21 InfoKey number: IK4500029 5620 SAM ID: 2743 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-953 IK4500030 DBU EXTERNAL CONTACT CHANGE 22

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 22 InfoKey number: IK4500030 5620 SAM ID: 2744 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-954 IK4500031 DBU EXTERNAL CONTACT CHANGE 23

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 23 InfoKey number: IK4500031 5620 SAM ID: 2745 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-955 IK4500032 DBU EXTERNAL CONTACT CHANGE 24

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 24 InfoKey number: IK4500032 5620 SAM ID: 2746 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-956 IK4500033 DBU EXTERNAL CONTACT CHANGE 25

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 25 InfoKey number: IK4500033 5620 SAM ID: 2747 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-957 IK4500034 DBU EXTERNAL CONTACTCHANGE 26

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACTCHANGE 26 InfoKey number: IK4500034 5620 SAM ID: 2748 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-958 IK4500035 DBU EXTERNAL CONTACT CHANGE 27

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 27 InfoKey number: IK4500035 5620 SAM ID: 2749 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-959 IK4500036 DBU EXTERNAL CONTACT CHANGE 28

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 28 InfoKey number: IK4500036 5620 SAM ID: 2750 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-960 IK4500037 DBU EXTERNAL CONTACT CHANGE 29

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 29 InfoKey number: IK4500037 5620 SAM ID: 2751 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-961 IK4500038 DBU EXTERNAL CONTACT CHANGE 30

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 30 InfoKey number: IK4500038 5620 SAM ID: 2752 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-962 IK4500039 DBU EXTERNAL CONTACT CHANGE 31

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 31 InfoKey number: IK4500039 5620 SAM ID: 2753 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-963 IK4500040 DBU EXTERNAL CONTACT CHANGE 32

Alarm	Attributes	Supported releases
Name: DBU EXTERNAL CONTACT CHANGE 32 InfoKey number: IK4500040 5620 SAM ID: 2754 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates a change in the external user alarm contact state.		
Impact: No impact on eNodeB.		
Remedial action: Check the user equipment.		

Table 19-964 IK4500041 RFM EXTERNAL CONTACT CHANGE 1

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 1 InfoKey number: IK4500041 5620 SAM ID: 2755 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 19-965 IK4500042 RFM EXTERNAL CONTACT CHANGE 2

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 2 InfoKey number: IK4500042 5620 SAM ID: 2756 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 19-966 IK4500043 RFM EXTERNAL CONTACT CHANGE 3

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 3 InfoKey number: IK4500043 5620 SAM ID: 2757 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 19-967 IK4500044 RFM EXTERNAL CONTACT CHANGE 4

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 4 InfoKey number: IK4500044 5620 SAM ID: 2758 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 19-968 IK4500045 RFM EXTERNAL CONTACT CHANGE 5

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 5 InfoKey number: IK4500045 5620 SAM ID: 2759 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 19-969 IK4500046 RFM EXTERNAL CONTACT CHANGE 6

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 6 InfoKey number: IK4500046 5620 SAM ID: 2760 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 19-970 IK4500047 RFM EXTERNAL CONTACT CHANGE 7

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 7 InfoKey number: IK4500047 5620 SAM ID: 3272 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 19-971 IK4500048 RFM EXTERNAL CONTACT CHANGE 8

Alarm	Attributes	Supported releases
Name: RFM EXTERNAL CONTACT CHANGE 8 InfoKey number: IK4500048 5620 SAM ID: 3273 Type: equipmentAlarm Alarm type ID: 3	Severity: minor Object type (class): RFM Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This alarm indicates that the external alarm wired to the RFM has changed state.		
Impact: No impact on eNodeB.		
Remedial action: Check the attached user equipment.		

Table 19-972 IK4901001 POWER ON

Alarm	Attributes	Supported releases
Name: POWER ON InfoKey number: IK4901001 5620 SAM ID: 2761 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the system is powered on successfully.		
Impact: All resources are available on successful power on of the system.		
Remedial action: No action is required.		

Table 19-973 IK4901002 CORRUPT FILE

Alarm	Attributes	Supported releases
Name: CORRUPT FILE InfoKey number: IK4901002 5620 SAM ID: 2762 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a checksum error.		
Impact: Software replacement failure.		
Remedial action: Check the software package.		

Table 19-974 IK4901003 CORRUPT FILE

Alarm	Attributes	Supported releases
Name: CORRUPT FILE InfoKey number: IK4901003 5620 SAM ID: 2763 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): CCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a checksum error.		
Impact: Software replacement failure.		
Remedial action: Check the software package.		

Table 19-975 IK4901004 CORRUPT FILE

Alarm	Attributes	Supported releases
Name: CORRUPT FILE InfoKey number: IK4901004 5620 SAM ID: 2764 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): RRH Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a checksum error.		
Impact: Software replacement failure.		
Remedial action: Check the software package.		

Table 19-976 IK4901005 CORRUPT FILE

Alarm	Attributes	Supported releases
Name: CORRUPT FILE InfoKey number: IK4901005 5620 SAM ID: 2765 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): TRDU Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a checksum error.		
Impact: Software replacement failure.		
Remedial action: Check the software package.		

Table 19-977 IK4901006 RESET CONTROLLER OAM LACK RESOURCE

Alarm	Attributes	Supported releases
Name: RESET CONTROLLER OAM LACK RESOURCE InfoKey number: IK4901006 5620 SAM ID: 2766 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This event indicates that the controller board is reset due to lack of internal resources.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

Table 19-978 IK4901007 RESET CONTROLLER WATCHDOG

Alarm	Attributes	Supported releases
Name: RESET CONTROLLER WATCHDOG InfoKey number: IK4901007 5620 SAM ID: 2767 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This event indicates that the controller is reset due to hardware watchdog timeout.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

Table 19-979 IK4901008 CONTROLLER OAM AUTO RESET

Alarm	Attributes	Supported releases
Name: CONTROLLER OAM AUTO RESET InfoKey number: IK4901008 5620 SAM ID: 2768 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This event indicates that the controller is auto-reset due to an internal problem.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

Table 19-980 IK4901009 OAM AUTO RESET

Alarm	Attributes	Supported releases
Name: OAM AUTO RESET InfoKey number: IK4901009 5620 SAM ID: 2769 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This event indicates an OAM auto-reset due to an internal problem.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

Table 19-981 IK4901010 RESET OAM EXCEPTION

Alarm	Attributes	Supported releases
Name: RESET OAM EXCEPTION InfoKey number: IK4901010 5620 SAM ID: 2770 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the controller is reset due to an processor exception.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

Table 19-982 IK4901011 RESET AFTER ACTIVATE WITH DB MIGRATION

Alarm	Attributes	Supported releases
Name: RESET AFTER ACTIVATE WITH DB MIGRATION InfoKey number: IK4901011 5620 SAM ID: 2771 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the software activation and the successful data migration.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-983 IK4901012 RESET AFTER ACTIVATE WITHOUT DB MIGRATION

Alarm	Attributes	Supported releases
Name: RESET AFTER ACTIVATE WITHOUT DB MIGRATION InfoKey number: IK4901012 5620 SAM ID: 2772 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the software activation without a data migration.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-984 IK4901013 RESET AFTER ACTIVATE WITH EMPTY DATABASE

Alarm	Attributes	Supported releases
Name: RESET AFTER ACTIVATE WITH EMPTY DATABASE InfoKey number: IK4901013 5620 SAM ID: 2773 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the software activation. The database is not found.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: Restore a valid eNodeB configuration.		

Table 19-985 IK4901014 RESET AFTER REJECT

Alarm	Attributes	Supported releases
Name: RESET AFTER REJECT InfoKey number: IK4901014 5620 SAM ID: 2774 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the software is rejected. The module is reset to activate the previous software version.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: Check for the proper functioning of the equipment and verify the configuration data.		

Table 19-986 IK4901015 RESET AFTER REJECT WITH EMPTY DATABASE

Alarm	Attributes	Supported releases
Name: RESET AFTER REJECT WITH EMPTY DATABASE InfoKey number: IK4901015 5620 SAM ID: 2775 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the software is rejected. The module is reset to activate the previous software version. The database is not found.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: Restore a valid eNodeB configuration.		

Table 19-987 IK4901016 AUTO-REJECT TO PREVIOUS SW VERSION AFTER ACTIVATE

Alarm	Attributes	Supported releases
Name: AUTO-REJECT TO PREVIOUS SW VERSION AFTER ACTIVATE InfoKey number: IK4901016 5620 SAM ID: 2776 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that a reset was performed due to the activation of the previous software version caused by a corrupt file.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: Restore a valid eNodeB configuration.		

Table 19-988 IK4901017 BACK TO ORIGIN SW

Alarm	Attributes	Supported releases
Name: BACK TO ORIGIN SW InfoKey number: IK4901017 5620 SAM ID: 2777 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This event indicates that after three consecutive auto resets, an eNodeB reset is performed to fallback to a stable software.		
Impact: Telecom: All associated calls and cells are not operational. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM is ready for software replacement.		
Remedial action: The management system tries to download and activate the valid eNodeB software. If the alarm persists, call the next level of support.		

Table 19-989 IK4901018 SW UPDATED AUTOMATICALLY

Alarm	Attributes	Supported releases
Name: SW UPDATED AUTOMATICALLY InfoKey number: IK4901018 5620 SAM ID: 2778 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CCardSpecifics Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the board was enabled with invalid software. OAM automatically updates the required software version.		
Impact: Telecom: All calls and cells associated with the module are not operational. On successful reset, all resources are functional. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-990 IK4901019 CB DOWNLOAD FAILURE

Alarm	Attributes	Supported releases
Name: CB DOWNLOAD FAILURE InfoKey number: IK4901019 5620 SAM ID: 2779 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the failure of the FTP transfer of the software package from the code-server to the local RAM disk.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: Check the log files of the FTP server for information on the failure. Verify the code-server path and the software package name.		

Table 19-991 IK4901020 CB MODULE DOWNLOAD FAILURE

Alarm	Attributes	Supported releases
Name: CB MODULE DOWNLOAD FAILURE InfoKey number: IK4901020 5620 SAM ID: 2780 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the failure to transfer the software package from the local storage to the board.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-992 IK4901021 BB MODULE DOWNLOAD FAILURE

Alarm	Attributes	Supported releases
Name: BB MODULE DOWNLOAD FAILURE InfoKey number: IK4901021 5620 SAM ID: 2781 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This event indicates the failure to transfer the software package from the local storage to the board.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-993 IK4901022 RRH MODULE DOWNLOAD FAILURE

Alarm	Attributes	Supported releases
Name: RRH MODULE DOWNLOAD FAILURE InfoKey number: IK4901022 5620 SAM ID: 2782 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the failure to transfer the software package from the local storage to the board.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-994 IK4901023 TRDU MODULE DOWNLOAD FAILURE

Alarm	Attributes	Supported releases
Name: TRDU MODULE DOWNLOAD FAILURE InfoKey number: IK4901023 5620 SAM ID: 2783 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the failure to transfer the software package from the local storage to the board.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-995 IK4901024 SOFTWARE AND DATABASE FALLBACK

Alarm	Attributes	Supported releases
Name: SOFTWARE AND DATABASE FALLBACK InfoKey number: IK4901024 5620 SAM ID: 2784 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the eNodeB has detected a critical failure during eNodeB initialization while booting from the active software partition. The eNodeB has switched over to the passive software partition and booted up on the previous software version with the previous configuration data.		
Impact: Telecom: Services may not be operating properly until the eNodeB is restored to the proper software version and configuration data. OAM: No impact on OAM service.		
Remedial action: Upgrade the eNodeB software and re-configure the eNodeB.		

Table 19-996 IK4901025 SOFTWARE FALLBACK

Alarm	Attributes	Supported releases
Name: SOFTWARE FALLBACK InfoKey number: IK4901025 5620 SAM ID: 2785 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the eNodeB has detected a critical failure during eNodeB initialization while booting from the active software partition. The eNodeB has switched over to the passive software partition and booted up on the previous software version with the previous configuration data.		
Impact: Telecom: Services may not be operating properly until the eNodeB is restored to the proper software version and configuration data. OAM: No impact on OAM service.		
Remedial action: Upgrade the eNodeB software and re-configure the eNodeB.		

Table 19-997 IK4901026 NEW SW DOES NOT SUPPORT ALL ACTUAL HW MODULES

Alarm	Attributes	Supported releases
Name: NEW SW DOES NOT SUPPORT ALL ACTUAL HW MODULES InfoKey number: IK4901026 5620 SAM ID: 2786 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the new software package does not support all actual hardware modules installed in the eNodeB.		
Impact: Telecom: Modules not supported by the software may not offer telecom services. OAM: No impact on OAM service.		
Remedial action: Upgrade the eNodeB software and re-configure the eNodeB.		

Table 19-998 IK4901027 BACK TO FACTORY MODE

Alarm	Attributes	Supported releases
Name: BACK TO FACTORY MODE InfoKey number: IK4901027 5620 SAM ID: 3274 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that software meta data is deleted or corrupted.		
Impact: Telecom: No telecom service possible. OAM: No impact on OAM service except for remote board contact which is not possible.		
Remedial action: Perform a software replacement.		

Table 19-999 IK4901028 BACK TO MINIMUM DB

Alarm	Attributes	Supported releases
Name: BACK TO MINIMUM DB InfoKey number: IK4901028 5620 SAM ID: 3275 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the database contents have been reset to default.		
Impact: Telecom: No telecom service possible. OAM: No impact on OAM service.		
Remedial action: Apply new configuration data via Netconf.		

Table 19-1000 IK4901029 BACK TO FACTORY MODE AND MINIMUM DB

Alarm	Attributes	Supported releases
Name: BACK TO FACTORY MODE AND MINIMUM DB InfoKey number: IK4901029 5620 SAM ID: 3276 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that software meta data is deleted or corrupted and that the database contents have been reset to default.		
Impact: Telecom: No telecom service possible. OAM: No impact on OAM service except for remote board contact which is not possible.		
Remedial action: Perform a software replacement and apply new configuratio data via Netconf.		

Table 19-1001 IK4901030 BB MODULE DOWNLOAD FAILURE

Alarm	Attributes	Supported releases
Name: BB MODULE DOWNLOAD FAILURE InfoKey number: IK4901030 5620 SAM ID: 3277 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the failure to transfer the software package from the local storage to the board.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1002 IK4901031 RESET CONTROLLER OAM LACK RESOURCE

Alarm	Attributes	Supported releases
Name: RESET CONTROLLER OAM LACK RESOURCE InfoKey number: IK4901031 5620 SAM ID: 3278 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareProgramError Default probable cause ID: 720 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the controller board is reset due to lack of internal resources.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

Table 19-1003 IK4901032 RESET CONTROLLER WATCHDOG

Alarm	Attributes	Supported releases
Name: RESET CONTROLLER WATCHDOG InfoKey number: IK4901032 5620 SAM ID: 3279 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: softwareError Default probable cause ID: 718 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the controller is reset due to hardware watchdog timeout.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

Table 19-1004 IK4901033 CONTROLLER OAM AUTO RESET

Alarm	Attributes	Supported releases
Name: CONTROLLER OAM AUTO RESET InfoKey number: IK4901033 5620 SAM ID: 3280 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the controller is auto-reset due to an internal problem.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

Table 19-1005 IK4901034 OAM AUTO RESET

Alarm	Attributes	Supported releases
Name: OAM AUTO RESET InfoKey number: IK4901034 5620 SAM ID: 3281 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates an OAM auto-reset due to an internal problem.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: If the alarm persists, call the next level of support.		

Table 19-1006 IK4904001 UPDATE RI FAILURE

Alarm	Attributes	Supported releases
Name: UPDATE RI FAILURE InfoKey number: IK4904001 5620 SAM ID: 2787 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Telecom: No impact on telecom service. OAM: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

Table 19-1007 IK4904002 UPDATE RI FAILURE

Alarm	Attributes	Supported releases
Name: UPDATE RI FAILURE InfoKey number: IK4904002 5620 SAM ID: 2788 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Telecom: No impact on telecom service. OAM: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

Table 19-1008 IK4904003 UPDATE RI FAILURE

Alarm	Attributes	Supported releases
Name: UPDATE RI FAILURE InfoKey number: IK4904003 5620 SAM ID: 2789 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Telecom: No impact on telecom service. OAM: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

Table 19-1009 IK4904004 UPDATE RI FAILURE

Alarm	Attributes	Supported releases
Name: UPDATE RI FAILURE InfoKey number: IK4904004 5620 SAM ID: 2790 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Telecom: No impact on telecom service. OAM: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

Table 19-1010 IK4904005 UPDATE RI FAILURE

Alarm	Attributes	Supported releases
Name: UPDATE RI FAILURE InfoKey number: IK4904005 5620 SAM ID: 2791 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the failure to update the remote inventory information for the module.		
Impact: Telecom: No impact on telecom service. OAM: Incorrect information is stored in the remote inventory file or the remote inventory of the module.		
Remedial action: No action is required.		

Table 19-1011 IK4904006 CONFIGURATION TIMEOUT

Alarm	Attributes	Supported releases
Name: CONFIGURATION TIMEOUT InfoKey number: IK4904006 5620 SAM ID: 2792 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1012 IK4904007 CONFIGURATION TIMEOUT

Alarm	Attributes	Supported releases
Name: CONFIGURATION TIMEOUT InfoKey number: IK4904007 5620 SAM ID: 2793 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1013 IK4904008 CONFIGURATION TIMEOUT

Alarm	Attributes	Supported releases
Name: CONFIGURATION TIMEOUT InfoKey number: IK4904008 5620 SAM ID: 2794 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1014 IK4904011 CONFIGURATION TIMEOUT

Alarm	Attributes	Supported releases
Name: CONFIGURATION TIMEOUT InfoKey number: IK4904011 5620 SAM ID: 2795 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1015 IK4904013 CONFIGURATION TIMEOUT

Alarm	Attributes	Supported releases
Name: CONFIGURATION TIMEOUT InfoKey number: IK4904013 5620 SAM ID: 2796 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1016 IK4904016 MODULE INSERTION

Alarm	Attributes	Supported releases
Name: MODULE INSERTION InfoKey number: IK4904016 5620 SAM ID: 2797 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1017 IK4904017 MODULE INSERTION

Alarm	Attributes	Supported releases
Name: MODULE INSERTION InfoKey number: IK4904017 5620 SAM ID: 2798 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1018 IK4904018 MODULE INSERTION

Alarm	Attributes	Supported releases
Name: MODULE INSERTION InfoKey number: IK4904018 5620 SAM ID: 2799 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1019 IK4904019 SNAPSHOT FILE AVAILABLE

Alarm	Attributes	Supported releases
Name: SNAPSHOT FILE AVAILABLE InfoKey number: IK4904019 5620 SAM ID: 2800 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the availability of new snapshot files.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1020 IK4904020 POSTMORTEM FILE AVAILABLE

Alarm	Attributes	Supported releases
Name: POSTMORTEM FILE AVAILABLE InfoKey number: IK4904020 5620 SAM ID: 2801 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the availability of new post-mortem files.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1021 IK4904021 SNAPSHOT FILE FAILURE

Alarm	Attributes	Supported releases
Name: SNAPSHOT FILE FAILURE InfoKey number: IK4904021 5620 SAM ID: 2802 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the transfer of the new snapshot files to the target server failed.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1022 IK4904022 POSTMORTEM FILE FAILURE

Alarm	Attributes	Supported releases
Name: POSTMORTEM FILE FAILURE InfoKey number: IK4904022 5620 SAM ID: 2803 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the transfer of new post-mortem files to the target server failed.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1023 IK4904023 MODULE INSERTION

Alarm	Attributes	Supported releases
Name: MODULE INSERTION InfoKey number: IK4904023 5620 SAM ID: 2804 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1024 IK4904024 MODULE INSERTION

Alarm	Attributes	Supported releases
Name: MODULE INSERTION InfoKey number: IK4904024 5620 SAM ID: 2805 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1025 IK4904025 MODULE INSERTION

Alarm	Attributes	Supported releases
Name: MODULE INSERTION InfoKey number: IK4904025 5620 SAM ID: 2806 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a module insertion.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1026 IK4904026 CONFIGURATION TIMEOUT

Alarm	Attributes	Supported releases
Name: CONFIGURATION TIMEOUT InfoKey number: IK4904026 5620 SAM ID: 2807 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): AMR Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1027 IK4904027 CONFIGURATION TIMEOUT

Alarm	Attributes	Supported releases
Name: CONFIGURATION TIMEOUT InfoKey number: IK4904027 5620 SAM ID: 2808 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1028 IK4904028 CONFIGURATION TIMEOUT

Alarm	Attributes	Supported releases
Name: CONFIGURATION TIMEOUT InfoKey number: IK4904028 5620 SAM ID: 2809 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the time-out for a response from the module.		
Impact: Telecom: Impacts the telecom traffic, depending on the module state. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1029 IK4904029 PROCESSING UNIT OCCUPANCY OVERLOAD

Alarm	Attributes	Supported releases
Name: PROCESSING UNIT OCCUPANCY OVERLOAD InfoKey number: IK4904029 5620 SAM ID: 3282 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This events indicates that the processing unit is overloaded.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1030 IK4904030 RAM USAGE OVERLOAD

Alarm	Attributes	Supported releases
Name: RAM USAGE OVERLOAD InfoKey number: IK4904030 5620 SAM ID: 3283 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0
Description: This events indicates that the RAM exhausted.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1031 IK4904031 PROCESSING UNIT OCCUPANCY OVERLOAD

Alarm	Attributes	Supported releases
Name: PROCESSING UNIT OCCUPANCY OVERLOAD InfoKey number: IK4904031 5620 SAM ID: 3284 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This events indicates that the processing unit is overloaded.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1032 IK4904032 RAM USAGE OVERLOAD

Alarm	Attributes	Supported releases
Name: RAM USAGE OVERLOAD InfoKey number: IK4904032 5620 SAM ID: 3285 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> TDD TLA3.0
Description: This events indicates that the RAM exhausted.		
Impact: Telecom: No impact on telecom service. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1033 IK4904033 ALU DEBUG SESSION ON-DEMAND SNAPSHOT FILE AVAILABLE

Alarm	Attributes	Supported releases
Name: ALU DEBUG SESSION ON-DEMAND SNAPSHOT FILE AVAILABLE InfoKey number: IK4904033 5620 SAM ID: 3286 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This event indicates the availability of new on-demand snapshot files.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1034 IK4904034 ALU DEBUG SESSION ON-DEMAND SNAPSHOT UPLOAD FAILED

Alarm	Attributes	Supported releases
Name: ALU DEBUG SESSION ON-DEMAND SNAPSHOT UPLOAD FAILED InfoKey number: IK4904034 5620 SAM ID: 3287 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This event indicates that the transfer of the new on-demand snapshot files to the target server failed.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1035 IK4904035 ALU DEBUG SESSION ON-DEMAND SNAPSHOT INTERNAL FAILURE

Alarm	Attributes	Supported releases
Name: ALU DEBUG SESSION ON-DEMAND SNAPSHOT INTERNAL FAILURE InfoKey number: IK4904035 5620 SAM ID: 3674 Type: qualityOfServiceAlarm Alarm type ID: 82	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This event indicates that the on-demand snapshot request failed due to eNodeB internal error.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1036 IK4905001 RESET ON OPERATOR REQUEST

Alarm	Attributes	Supported releases
Name: RESET ON OPERATOR REQUEST InfoKey number: IK4905001 5620 SAM ID: 2810 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1037 IK4905002 RESET OAM ON OPERATOR REQUEST

Alarm	Attributes	Supported releases
Name: RESET OAM ON OPERATOR REQUEST InfoKey number: IK4905002 5620 SAM ID: 2811 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1038 IK4905003 RESET CONTROLLER OAM ON OPERATOR REQUEST

Alarm	Attributes	Supported releases
Name: RESET CONTROLLER OAM ON OPERATOR REQUEST InfoKey number: IK4905003 5620 SAM ID: 2812 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1039 IK4905004 CONTROLLER OAM RESET AFTER RESTORE

Alarm	Attributes	Supported releases
Name: CONTROLLER OAM RESET AFTER RESTORE InfoKey number: IK4905004 5620 SAM ID: 2813 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This event indicates that the controller board is reset to restore the configuration data.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1040 IK4905005 CONTROLLER OAM RESET AFTER RESTORE WITH EMPTY DATABASE

Alarm	Attributes	Supported releases
Name: CONTROLLER OAM RESET AFTER RESTORE WITH EMPTY DATABASE InfoKey number: IK4905005 5620 SAM ID: 2814 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: corruptData Default probable cause ID: 910 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This event indicates an OAM auto-reset with an empty database as the database was not restored properly.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: Restore a valid eNodeB configuration.		

Table 19-1041 IK4905006 LRA RESET

Alarm	Attributes	Supported releases
Name: LRA RESET InfoKey number: IK4905006 5620 SAM ID: 2815 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-1042 IK4905007 LRA RESET

Alarm	Attributes	Supported releases
Name: LRA RESET InfoKey number: IK4905007 5620 SAM ID: 2816 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-1043 IK4905008 LRA RESET

Alarm	Attributes	Supported releases
Name: LRA RESET InfoKey number: IK4905008 5620 SAM ID: 2817 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBShelfSpecifics Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-1044 IK4905009 LRA RESET

Alarm	Attributes	Supported releases
Name: LRA RESET InfoKey number: IK4905009 5620 SAM ID: 2818 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-1045 IK4905010 LRA RESET

Alarm	Attributes	Supported releases
Name: LRA RESET InfoKey number: IK4905010 5620 SAM ID: 2819 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-1046 IK4905011 MODULE RESET

Alarm	Attributes	Supported releases
Name: MODULE RESET InfoKey number: IK4905011 5620 SAM ID: 2820 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): BBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-1047 IK4905012 MODULE RESET

Alarm	Attributes	Supported releases
Name: MODULE RESET InfoKey number: IK4905012 5620 SAM ID: 2821 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-1048 IK4905013 MODULE RESET

Alarm	Attributes	Supported releases
Name: MODULE RESET InfoKey number: IK4905013 5620 SAM ID: 2822 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBShelfSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-1049 IK4905014 MODULE RESET

Alarm	Attributes	Supported releases
Name: MODULE RESET InfoKey number: IK4905014 5620 SAM ID: 2823 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RRH Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-1050 IK4905015 MODULE RESET

Alarm	Attributes	Supported releases
Name: MODULE RESET InfoKey number: IK4905015 5620 SAM ID: 2824 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TRDU Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-1051 IK4905016 MODULE RESET

Alarm	Attributes	Supported releases
Name: MODULE RESET InfoKey number: IK4905016 5620 SAM ID: 2825 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-1052 IK4905017 X2 CONFIGURATION DATA MISMATCH

Alarm	Attributes	Supported releases
Name: X2 CONFIGURATION DATA MISMATCH InfoKey number: IK4905017 5620 SAM ID: 2826 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 TDD TLA2.1
Description: This event indicates inconsistencies in the configuration data between the eNodeBs.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1053 IK4905018 MAX_NUMBER_OF_CARDINALITY_REACHED

Alarm	Attributes	Supported releases
Name: MAX_NUMBER_OF_CARDINALITY_REACHED InfoKey number: IK4905018 5620 SAM ID: 2827 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 TDD TLA3.0
Description: This event indicates that the maximum number of object cardinality is reached. The automatic creation of new objects is not possible anymore.		
Impact: No impact on eNodeB.		
Remedial action: Remove objects which are not needed from the predefined configuration data.		

Table 19-1054 IK4905020 DATABASE RECONFIGURATION RESET

Alarm	Attributes	Supported releases
Name: DATABASE RECONFIGURATION RESET InfoKey number: IK4905020 5620 SAM ID: 2828 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that a reset was performed due to a database reconfiguration.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-1055 IK4905021 MAX NUMBER OF DYNAMIC CARDINALITY REACHED

Alarm	Attributes	Supported releases
Name: MAX NUMBER OF DYNAMIC CARDINALITY REACHED InfoKey number: IK4905021 5620 SAM ID: 2829 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the number of X2Access objects being in an invisible state has reached the limit and the ANR function triggers the creation of a further dynamic X2Access/X2TransportLayerAccess. The new invisible X2Access/X2TransportLayerAccess is not created.		
Impact: No impact on eNodeB.		
Remedial action: Remove X2 objects which are not needed from the predefined configuration data.		

Table 19-1056 IK4905022 FALLBACK AFTER RECONFIGURATION

Alarm	Attributes	Supported releases
Name: FALLBACK AFTER RECONFIGURATION InfoKey number: IK4905022 5620 SAM ID: 2830 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA3.0 FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the eNodeB did an autonomous fallback to the previous configuration because the contact to the network management system could not be restored.		
Impact: No impact on eNodeB.		
Remedial action: Verify that the new configuration is correct and is consistent with the configuration of the other network elements.		

Table 19-1057 IK4905023 MAX NUMBER OF CARDINALITY REACHED

Alarm	Attributes	Supported releases
Name: MAX NUMBER OF CARDINALITY REACHED InfoKey number: IK4905023 5620 SAM ID: 3288 Type: communicationsAlarm Alarm type ID: 4	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the maximum number of object cardinality is reached. The automatic creation of new objects is not possible anymore.		
Impact: No impact on eNodeB.		
Remedial action: Remove objects which are not needed from the predefined configuration data.		

Table 19-1058 IK4905024 RESET ON OPERATOR REQUEST

Alarm	Attributes	Supported releases
Name: RESET ON OPERATOR REQUEST InfoKey number: IK4905024 5620 SAM ID: 3289 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1059 IK4905025 RESET CONTROLLER OAM ON OPERATOR REQUEST

Alarm	Attributes	Supported releases
Name: RESET CONTROLLER OAM ON OPERATOR REQUEST InfoKey number: IK4905025 5620 SAM ID: 3290 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1060 IK4905026 CONTROLLER OAM RESET AFTER RESTORE

Alarm	Attributes	Supported releases
Name: CONTROLLER OAM RESET AFTER RESTORE InfoKey number: IK4905026 5620 SAM ID: 3291 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CBCardSpecifics Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the controller board is reset to restore the configuration data.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: No action is required.		

Table 19-1061 IK4905027 CONTROLLER OAM RESET AFTER RESTORE WITH EMPTY DATABASE

Alarm	Attributes	Supported releases
Name: CONTROLLER OAM RESET AFTER RESTORE WITH EMPTY DATABASE InfoKey number: IK4905027 5620 SAM ID: 3292 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: corruptData Default probable cause ID: 910 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates an OAM auto-reset with an empty database as the database was not restored properly.		
Impact: Telecom: All associated calls are lost. OAM: No impact on OAM service.		
Remedial action: Restore a valid eNodeB configuration.		

Table 19-1062 IK4905028 BBU POSITION CHANGE

Alarm	Attributes	Supported releases
Name: BBU POSITION CHANGE InfoKey number: IK4905028 5620 SAM ID: 3293 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the BBU position coordinates have changed. The GPS antenna of the eNodeB has been moved or the bbuPositionDeltaX/Y/Z coordinates have been reconfigured.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1063 IK4905029 BBU POSITION ERROR

Alarm	Attributes	Supported releases
Name: BBU POSITION ERROR InfoKey number: IK4905029 5620 SAM ID: 3294 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the BBU position coordinates might not be correct.		
Impact: Configured coordinates of the BBU might not be correct.		
Remedial action: Check the bbuExternalPosition coordinates, bbuPositionDelta values and the bbuPositionErrorThreshold.		

Table 19-1064 IK4905030 MAIN ANTENNA POSITION CHANGE

Alarm	Attributes	Supported releases
Name: MAIN ANTENNA POSITION CHANGE InfoKey number: IK4905030 5620 SAM ID: 3295 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the main RF antenna position coordinates have changed. The GPS antenna of the eNodeB has been moved or the mainAntennaPositionDeltaX/Y/Z values have been reconfigured.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1065 IK4905031 MAIN ANTENNA POSITION ERROR

Alarm	Attributes	Supported releases
Name: MAIN ANTENNA POSITION ERROR InfoKey number: IK4905031 5620 SAM ID: 3296 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): CbCardSpecifics Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the main RF antenna position coordinates might not be correct.		
Impact: Location fix of UEs might be inaccurate.		
Remedial action: Check the mainAntennaExternalPosition coordinates, mainAntennaPositionDelta values and the mainAntennaPositionErrorThreshold.		

Table 19-1066 IK4905032 OAM CELL EVENT 1

Alarm	Attributes	Supported releases
Name: OAM CELL EVENT 1 InfoKey number: IK4905032 5620 SAM ID: 3297 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event is for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-1067 IK4905033 OAM CELL EVENT 2

Alarm	Attributes	Supported releases
Name: OAM CELL EVENT 2 InfoKey number: IK4905033 5620 SAM ID: 3298 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event is for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-1068 IK4905034 OAM CELL EVENT 3

Alarm	Attributes	Supported releases
Name: OAM CELL EVENT 3 InfoKey number: IK4905034 5620 SAM ID: 3299 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event is for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-1069 IK4905035 OAM CELL EVENT 4

Alarm	Attributes	Supported releases
Name: OAM CELL EVENT 4 InfoKey number: IK4905035 5620 SAM ID: 3300 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event is for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-1070 IK4905036 OAM CELL EVENT 5

Alarm	Attributes	Supported releases
Name: OAM CELL EVENT 5 InfoKey number: IK4905036 5620 SAM ID: 3301 Type: processingErrorAlarm Alarm type ID: 81	Severity: notApplicable Object type (class): Cell Default probable cause: configurationOrCustomizationError Default probable cause ID: 902 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event is for future use.		
Impact: Unknown.		
Remedial action: Call the next level of support.		

Table 19-1071 IK4905037 LRA RESET

Alarm	Attributes	Supported releases
Name: LRA RESET InfoKey number: IK4905037 5620 SAM ID: 3675 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TMA Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-1072 IK4905038 LRA RESET

Alarm	Attributes	Supported releases
Name: LRA RESET InfoKey number: IK4905038 5620 SAM ID: 3676 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RET Default probable cause: equipmentMalfunction Default probable cause ID: 698 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This event indicates the reset due to a local recovery action.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-1073 IK4905039 MODULE RESET

Alarm	Attributes	Supported releases
Name: MODULE RESET InfoKey number: IK4905039 5620 SAM ID: 3677 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): TMA Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-1074 IK4905040 MODULE RESET

Alarm	Attributes	Supported releases
Name: MODULE RESET InfoKey number: IK4905040 5620 SAM ID: 3678 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RET Default probable cause: operatorCommand Default probable cause ID: 905 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This event indicates the reset command by the operator.		
Impact: Telecom: All associated calls and cells are not operational during reset. On successful reset, all resources are functional. OAM: The OAM functionalities are not available during reset. On successful reset, the OAM functionalities are available.		
Remedial action: No action is required.		

Table 19-1075 IK4905041 CELL BLOCK REQUEST RECEIVED AT SHARED RFM

Alarm	Attributes	Supported releases
Name: CELL BLOCK REQUEST RECEIVED AT SHARED RFM InfoKey number: IK4905041 5620 SAM ID: 3679 Type: equipmentAlarm Alarm type ID: 3	Severity: notApplicable Object type (class): RFM Default probable cause: unknown Default probable cause ID: 1097 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA4.0
Description: This event indicates that the RFM is about to interrupt RF operation and so any cells fully supported on the RFM should be blocked. This cell block procedure is supported on shared RFMs (including ROCM) and is triggered by the other controller sharing the RFM.		
Impact: Telecom: The Cell Block procedure shuts down call processing on the cell(s) supported on this RFM. OAM: None.		
Remedial action: No maintenance action is required. The affected cells will be autonomously unblocked once the RFM maintenance action has completed and the shared RFM is unblocked by the other controller.		

Table 19-1076 IK4906001 THREE UNSUCCESSFUL LOGIN ATTEMPTS

Alarm	Attributes	Supported releases
Name: THREE UNSUCCESSFUL LOGIN ATTEMPTS InfoKey number: IK4906001 5620 SAM ID: 2831 Type: securityServiceOrMechanismViolation Alarm type ID: 92	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: unauthorizedAccessAttempt Default probable cause ID: 800 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the user failed to log into the eNodeB through SSH or CLI for three times in a span of 10 minutes.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1077 IK4906002 SUCCESSFUL LOGIN

Alarm	Attributes	Supported releases
Name: SUCCESSFUL LOGIN InfoKey number: IK4906002 5620 SAM ID: 2832 Type: securityServiceOrMechanismViolation Alarm type ID: 92	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: unspecifiedReason Default probable cause ID: 802 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the user successfully logged into the eNodeB through SSH or CLI.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1078 IK4906003 UNSUCCESSFUL LOGIN ATTEMPT

Alarm	Attributes	Supported releases
Name: UNSUCCESSFUL LOGIN ATTEMPT InfoKey number: IK4906003 5620 SAM ID: 2833 Type: securityServiceOrMechanismViolation Alarm type ID: 92	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: unauthorizedAccessAttempt Default probable cause ID: 800 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the user failed to log into the eNodeB through SSH or CLI.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1079 IK4906004 SUCCESSFUL ROLE CHANGE

Alarm	Attributes	Supported releases
Name: SUCCESSFUL ROLE CHANGE InfoKey number: IK4906004 5620 SAM ID: 2834 Type: securityServiceOrMechanismViolation Alarm type ID: 92	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: unspecifiedReason Default probable cause ID: 802 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that the user successfully changed roles on the eNodeB.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1080 IK4906005 UNSUCCESSFUL ROLE CHANGE

Alarm	Attributes	Supported releases
Name: UNSUCCESSFUL ROLE CHANGE InfoKey number: IK4906005 5620 SAM ID: 2835 Type: securityServiceOrMechanismViolation Alarm type ID: 92	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: unauthorizedAccessAttempt Default probable cause ID: 800 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates the failure to change the user role on the eNodeB.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1081 IK4906006 ETHERNET CABLE CONNECTED

Alarm	Attributes	Supported releases
Name: ETHERNET CABLE CONNECTED InfoKey number: IK4906006 5620 SAM ID: 2836 Type: physicalViolation Alarm type ID: 91	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: cableTamper Default probable cause ID: 788 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that an Ethernet cable is connected to a port on the eNodeB.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1082 IK4906007 ETHERNET CABLE DISCONNECTED

Alarm	Attributes	Supported releases
Name: ETHERNET CABLE DISCONNECTED InfoKey number: IK4906007 5620 SAM ID: 2837 Type: physicalViolation Alarm type ID: 91	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: cableTamper Default probable cause ID: 788 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that an Ethernet cable is disconnected from a port on the eNodeB.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1083 IK4906008 SECURITY LOG ROLLED OVER

Alarm	Attributes	Supported releases
Name: SECURITY LOG ROLLED OVER InfoKey number: IK4906008 5620 SAM ID: 2838 Type: integrityViolation Alarm type ID: 85	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: informationMissing Default probable cause ID: 792 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This event indicates that a security log is rolled over.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1084 IK4906009 ATTEMPT TO READ THE SSH AUTHORIZATION LOG FAILED

Alarm	Attributes	Supported releases
Name: ATTEMPT TO READ THE SSH AUTHORIZATION LOG FAILED InfoKey number: IK4906009 5620 SAM ID: 2839 Type: integrityViolation Alarm type ID: 85	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: informationMissing Default probable cause ID: 792 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 TDD TLA2.1 TDD TLA3.0
Description: This event indicates a failure to read the SSH authorization log. The eNodeB is unable to log login attempts.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1085 IK4906010 AUTHORIZATION LOG READ FAILURE

Alarm	Attributes	Supported releases
Name: AUTHORIZATION LOG READ FAILURE InfoKey number: IK4906010 5620 SAM ID: 3302 Type: integrityViolation Alarm type ID: 85	Severity: notApplicable Object type (class): ENBEquipment Default probable cause: informationMissing Default probable cause ID: 792 Implicitly cleared (self-clearing): true	<ul style="list-style-type: none"> FDD LA4.0 TDD TLA3.0 TDD TLA4.0
Description: This event indicates a failure to read the SSH authorization log. The eNodeB is unable to log login attempts.		
Impact: No impact on eNodeB.		
Remedial action: No action is required.		

Table 19-1086 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 1.1.0 2.0.0 2.1.0 3.0.0 3.9.0 4.0.0 4.9.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 19-1087 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 19-1088 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 19-1089 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 19-1090 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 19-1091 LTECellAdminDown

Alarm	Attributes	Supported releases
Name: LTECellAdminDown (1471) Type: equipmentAlarm (3) Package: lte Raised on class: lte.Cell	Severity: variable Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an LTE Cell Administrative State is down.		
Raising condition: (('administrativeState' NOT EQUAL 'Unlocked'))		
Clearing condition: (('administrativeState' EQUAL 'Unlocked'))		

Table 19-1092 LTECellDown

Alarm	Attributes	Supported releases
Name: LTECellDown (1472) Type: equipmentAlarm (3) Package: lte Raised on class: lte.Cell	Severity: info Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> 1.1.0 2.0.0 2.1.0 3.0.0 3.9.0 4.0.0 4.9.0
Description: The alarm is raised when an LTE Cell is operationally down.		
Raising condition: (('operationalState' NOT EQUAL 'Enabled') AND ('administrativeState' EQUAL 'Unlocked'))		
Clearing condition: (('operationalState' EQUAL 'Enabled') OR ('administrativeState' NOT EQUAL 'Unlocked'))		

Table 19-1093 LTECellNotAvailable

Alarm	Attributes	Supported releases
Name: LTECellNotAvailable (1473) Type: equipmentAlarm (3) Package: lte Raised on class: lte.Cell	Severity: info Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an LTE Cell is not fully available.		
Raising condition: ('availabilityStatus' NOT EQUAL 'No Bits Set')		
Clearing condition: ('availabilityStatus' EQUAL 'No Bits Set')		

Table 19-1094 MmeAccessAdminDown

Alarm	Attributes	Supported releases
Name: MmeAccessAdminDown (1523) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MmeAccess	Severity: variable Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an MME Access Administrative State is down.		
Raising condition: (('Administrative State' NOT EQUAL 'Unlocked'))		
Clearing condition: (('Administrative State' EQUAL 'Unlocked'))		

Table 19-1095 MmeAccessDown

Alarm	Attributes	Supported releases
Name: MmeAccessDown (1524) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MmeAccess	Severity: info Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an MME Access is operationally down.		
Raising condition: (('Current Operational State' NOT EQUAL 'Enabled') AND ('Administrative State' EQUAL 'Unlocked'))		
Clearing condition: (('Current Operational State' EQUAL 'Enabled') OR ('Administrative State' NOT EQUAL 'Unlocked'))		

Table 19-1096 MmeAccessNotAvailable

Alarm	Attributes	Supported releases
Name: MmeAccessNotAvailable (1525) Type: equipmentAlarm (3) Package: lte Raised on class: lte.MmeAccess	Severity: info Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an MME Access is not fully available.		
Raising condition: ('Current Availability Status' NOT EQUAL 'No Bits Set')		
Clearing condition: ('Current Availability Status' EQUAL 'No Bits Set')		

Table 19-1097 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 19-1098 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		

Table 19-1099 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 19-1100 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 19-1101 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 19-1102 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 19-1103 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 19-1104 PMCMaxResultStringBlockSizeNotOptimum

Alarm	Attributes	Supported releases
Name: PMCMaxResultStringBlockSizeNotOptimum (2922) Type: performanceOptimization (97) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Implicitly cleared: true Default probable cause: wrongValue (1120)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm is raised when the PM maximum block size that will be transferred in one SNMP request is set to a value less than an optimum value of 6000 bytes. NOTE that the node's default value can be lower than 6000 bytes.		
Raising condition: ('PM Max Result String Block Size' < '6000')		
Clearing condition: ('PM Max Result String Block Size' >= '6000')		

Table 19-1105 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 19-1106 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 19-1107 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 19-1108 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 19-1109 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 19-1110 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 19-1111 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 19-1112 SoftwareUpgradeDownloadFailed

Alarm	Attributes	Supported releases
Name: SoftwareUpgradeDownloadFailed (3695) Type: communicationsAlarm (4) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Implicitly cleared: true Default probable cause: linkFailure (740)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm is raised when the transfer of software scheduled by a Self Config policy fails due to communication problem (communication timeout, cable disconnected). It is automatically cleared before starting a new upgrade scheduled by a Self Config policy.		

Table 19-1113 SoftwareUpgradeOperationNotAttempted

Alarm	Attributes	Supported releases
Name: SoftwareUpgradeOperationNotAttempted (1963) Type: communicationsAlarm (4) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Implicitly cleared: true Default probable cause: bsCommunicationOffline (904)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm is raised when the BS Communication State goes 'offline'. While BS communication state is 'offline' none of the Software Upgrade Operations can be attempted.		
Clearing condition: (('bsCommunicationState' EQUAL 'Online') OR ('bsCommunicationState' EQUAL 'OMC Managed'))		

Table 19-1114 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 19-1115 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 19-1116 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 19-1117 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 19-1118 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 19-1119 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 19-1120 UpgradeApplicationLockNotObtained

Alarm	Attributes	Supported releases
Name: UpgradeApplicationLockNotObtained (1964) Type: integrityViolation (85) Package: lte Raised on class: lte.ENBEquipment	Severity: warning Implicitly cleared: true Default probable cause: UnableToAcquireLock (949)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: This alarm is raised when the Software Upgrade Application is unable to acquire lock to start the Activate/Reject operation. Retry the Software Upgrade Operation once the lock is released by the other application.		

Table 19-1121 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 19-1122 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 19-1123 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 19-1124 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

Table 19-1125 X2AccessAdminDown

Alarm	Attributes	Supported releases
Name: X2AccessAdminDown (1906) Type: equipmentAlarm (3) Package: lte Raised on class: lte.X2Access	Severity: variable Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an X2 Access Administrative State is down.		
Raising condition: (('Administrative State' NOT EQUAL 'Unlocked'))		
Clearing condition: (('Administrative State' EQUAL 'Unlocked'))		

Table 19-1126 X2AccessDown

Alarm	Attributes	Supported releases
Name: X2AccessDown (1907) Type: equipmentAlarm (3) Package: lte Raised on class: lte.X2Access	Severity: info Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an X2 Access is operationally down.		
Raising condition: (('Current Operational State' NOT EQUAL 'Enabled') AND ('Administrative State' EQUAL 'Unlocked'))		
Clearing condition: (('Current Operational State' EQUAL 'Enabled') OR ('Administrative State' NOT EQUAL 'Unlocked'))		

Table 19-1127 X2AccessNotAvailable

Alarm	Attributes	Supported releases
Name: X2AccessNotAvailable (1908) Type: equipmentAlarm (3) Package: lte Raised on class: lte.X2Access	Severity: info Implicitly cleared: true Default probable cause: equipmentMalfunction (698)	<ul style="list-style-type: none"> FDD LA2.0 FDD LA3.0 FDD LA4.0 TDD TLA2.1 TDD TLA3.0 TDD TLA4.0
Description: The alarm is raised when an X2 Access is not fully available.		
Raising condition: ('Current Availability Status' NOT EQUAL 'No Bits Set')		
Clearing condition: ('Current Availability Status' EQUAL 'No Bits Set')		

20 – Alcatel-Lucent-HIP alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 20-1 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none">1.0.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 20-2 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 20-3 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 20-4 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 20-5 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 20-6 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 1.0.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 20-7 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 1.0.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 20-8 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 1.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 20-9 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 20-10 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 20-11 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 20-12 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 20-13 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 20-14 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 20-15 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 20-16 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 20-17 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 20-18 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteeggsn Raised on class: lteeggsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 20-19 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 20-20 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 20-21 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 20-22 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 20-23 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 1.0.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		

Table 20-24 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 20-25 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> 1.0.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 20-26 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> 1.0.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 20-27 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 20-28 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 20-29 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 20-30 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 20-31 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 20-32 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> 1.0.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 20-33 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 20-34 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 20-35 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 20-36 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 20-37 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 1.0.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 20-38 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 1.0.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 20-39 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 20-40 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 20-41 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 20-42 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 20-43 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> 1.0.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

21 — Alcatel-Lucent OS10K alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 21-1 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none">7.1.1
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 21-2 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 21-3 AtcaFanFailure

Alarm	Attributes	Supported releases
Name: AtcaFanFailure (1124) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Fan	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('operationalState' EQUAL 'Disabled') OR ('operationalState' EQUAL 'Down'))		
Clearing condition: (('operationalState' EQUAL 'Enabled') OR ('operationalState' EQUAL 'Up'))		

Table 21-4 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 21-5 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 21-6 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 21-7 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> persistentIndexFailure configFileBootFailure 	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 21-8 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 21-9 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 21-10 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 21-11 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 21-12 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 21-13 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 21-14 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 21-15 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 21-16 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 21-17 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 21-18 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 21-19 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 21-20 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 21-21 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 21-22 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 21-23 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 21-24 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 21-25 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 21-26 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 21-27 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 21-28 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 21-29 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 21-30 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 21-31 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 21-32 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 21-33 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 21-34 IgmpSnoopingDown

Alarm	Attributes	Supported releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	All
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		

Table 21-35 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 21-36 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 21-37 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 21-38 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 21-39 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 21-40 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 21-41 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none">7.1.1
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 21-42 LowTemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none">7.1.1
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		

Table 21-43 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none">7.1.1
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\\"')'		
Clearing condition: ('EPS Path' NOT EQUAL '\\"')'		

Table 21-44 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 7.1.1
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		

Table 21-45 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 21-46 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> 7.1.1
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 21-47 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> 7.1.1
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 21-48 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 21-49 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None'))))		

Table 21-50 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 21-51 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 21-52 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 21-53 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 21-54 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 21-55 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 21-56 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> 7.1.1
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 21-57 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 21-58 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 21-59 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 21-60 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 21-61 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 21-62 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 21-63 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 7.1.1
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 21-64 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 7.1.1
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 21-65 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none">7.1.1
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 21-66 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none">7.1.1
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 21-67 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none">7.1.1
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 21-68 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 21-69 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 21-70 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> 7.1.1
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

22 — Alcatel-Lucent OS6250 alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 22-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 6.6.1• 6.6.2
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 22-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 22-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 22-4 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 22-5 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 22-6 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 22-7 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> persistentIndexFailure configFileBootFailure 	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 22-8 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 22-9 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 22-10 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 22-11 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 22-12 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 22-13 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 22-14 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 22-15 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 22-16 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 22-17 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 22-18 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 22-19 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 22-20 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 22-21 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 22-22 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 22-23 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 22-24 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 22-25 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 22-26 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 22-27 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 22-28 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 22-29 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 22-30 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 22-31 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 22-32 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 22-33 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.6.1 • 6.6.2
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 22-34 IfVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 22-35 IgmpDown

Alarm	Attributes	Supported releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 22-36 IgmpSnoopingDown

Alarm	Attributes	Supported releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		

Table 22-37 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 22-38 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 22-39 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 22-40 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 22-41 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 22-42 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 22-43 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 22-44 LowTemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		

Table 22-45 LpsViolation

Alarm	Attributes	Supported releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		

Table 22-46 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 22-47 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 22-48 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 22-49 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		

Table 22-50 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 22-51 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 22-52 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 22-53 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 22-54 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 22-55 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 22-56 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 22-57 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 22-58 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 22-59 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 22-60 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 22-61 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 22-62 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 22-63 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 22-64 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 22-65 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 22-66 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 22-67 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 22-68 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 22-69 SiteManagementVlanConflict

Alarm	Attributes	Supported releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

Table 22-70 SiteVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 22-71 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 22-72 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 22-73 TlsSiteDown

Alarm	Attributes	Supported releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		

Table 22-74 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none">• 6.6.1• 6.6.2
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 22-75 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none">• trapDestinationMisconfigured• duplicateTrapLogId	<ul style="list-style-type: none">• 6.6.1• 6.6.2
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 22-76 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 22-77 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 22-78 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none">• 6.6.1• 6.6.2
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 22-79 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none">• 6.6.1• 6.6.2
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 22-80 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none">• 6.6.1• 6.6.2
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 22-81 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 22-82 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 22-83 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> 6.6.1 6.6.2
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

23 — Alcatel-Lucent OS6400 alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 23-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 23-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 23-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 23-4 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 23-5 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 23-6 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 23-7 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 23-8 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 23-9 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 23-10 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 23-11 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 23-12 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 23-13 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 23-14 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 23-15 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 23-16 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 23-17 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 23-18 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 23-19 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 23-20 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 23-21 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 23-22 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 23-23 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 23-24 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 23-25 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 23-26 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 23-27 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 23-28 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 23-29 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 23-30 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 23-31 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 23-32 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 23-33 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 23-34 IfVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 23-35 IgmpDown

Alarm	Attributes	Supported releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 23-36 IgmpSnoopingDown

Alarm	Attributes	Supported releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		

Table 23-37 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 23-38 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 23-39 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 23-40 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 23-41 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 23-42 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 23-43 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 23-44 LowTemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		

Table 23-45 LpsViolation

Alarm	Attributes	Supported releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		

Table 23-46 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 23-47 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 23-48 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 23-49 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		

Table 23-50 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 23-51 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 23-52 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 23-53 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 23-54 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 23-55 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 23-56 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 23-57 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 23-58 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 23-59 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 23-60 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 23-61 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 23-62 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 23-63 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 23-64 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 23-65 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 23-66 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 23-67 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 23-68 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 23-69 SiteManagementVlanConflict

Alarm	Attributes	Supported releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

Table 23-70 SiteVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 23-71 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 23-72 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 23-73 TlsSiteDown

Alarm	Attributes	Supported releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		

Table 23-74 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetEquipment Raised on class: ethernetEquipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 23-75 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none">• trapDestinationMisconfigured• duplicateTrapLogId	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 23-76 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 23-77 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 23-78 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 23-79 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 23-80 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 23-81 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 23-82 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 23-83 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

24 — Alcatel-Lucent OS6855 alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 24-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 24-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 24-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 24-4 AreaTypeMismatch

Alarm	Attributes	Supported releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none"> • 6.4.4
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		

Table 24-5 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 24-6 BgpDown

Alarm	Attributes	Supported releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 24-7 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 24-8 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 24-9 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 24-10 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 24-11 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 24-12 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 24-13 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 24-14 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 24-15 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 24-16 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 24-17 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 24-18 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 24-19 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 24-20 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 24-21 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 24-22 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 24-23 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 24-24 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 24-25 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 24-26 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 24-27 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 24-28 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 24-29 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 24-30 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 24-31 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 24-32 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 24-33 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 24-34 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 24-35 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 24-36 IfVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 24-37 IgmpDown

Alarm	Attributes	Supported releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 24-38 IgmpSnoopingDown

Alarm	Attributes	Supported releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		

Table 24-39 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 24-40 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 24-41 IsisDown

Alarm	Attributes	Supported releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 24-42 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 24-43 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 24-44 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 24-45 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 24-46 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 24-47 LowTemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		

Table 24-48 LpsViolation

Alarm	Attributes	Supported releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		

Table 24-49 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 24-50 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 24-51 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\\"')		
Clearing condition: ('EPS Path' NOT EQUAL '\\"')		

Table 24-52 NeighborDown

Alarm	Attributes	Supported releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 6.4.4
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		

Table 24-53 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		

Table 24-54 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 24-55 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 24-56 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 24-57 OspfInterfaceDown

Alarm	Attributes	Supported releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 6.4.4
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		

Table 24-58 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 24-59 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 24-60 PimDown

Alarm	Attributes	Supported releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This alarm is raised when a PIM site is administratively Up but operationally Down. The alarm clears when the site becomes operationally Up or administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 24-61 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 24-62 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 24-63 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 24-64 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 24-65 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 24-66 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 24-67 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 24-68 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 24-69 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 24-70 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 24-71 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 24-72 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 24-73 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 24-74 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 24-75 SiteManagementVlanConflict

Alarm	Attributes	Supported releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

Table 24-76 SiteVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 24-77 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 24-78 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 24-79 TlsSiteDown

Alarm	Attributes	Supported releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		

Table 24-80 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 24-81 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 24-82 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 24-83 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 24-84 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 24-85 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 24-86 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 24-87 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 24-88 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 24-89 VirtualLinkDown

Alarm	Attributes	Supported releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 6.4.4
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 24-90 VirtualNeighborDown

Alarm	Attributes	Supported releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none">ospf.ShamLinkospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none">6.4.4
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		

Table 24-91 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none">6.4.26.4.36.4.4
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

25 — Alcatel-Lucent OS6900 alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter [32](#) for information about the alarm.

Table 25-1 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none">7.2.1
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 25-2 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 25-3 AtcaFanFailure

Alarm	Attributes	Supported releases
Name: AtcaFanFailure (1124) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Fan	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('operationalState' EQUAL 'Disabled') OR ('operationalState' EQUAL 'Down'))		
Clearing condition: (('operationalState' EQUAL 'Enabled') OR ('operationalState' EQUAL 'Up'))		

Table 25-4 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 25-5 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 25-6 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 25-7 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> persistentIndexFailure configFileBootFailure 	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 25-8 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 25-9 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 25-10 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 25-11 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 25-12 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 25-13 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 25-14 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 25-15 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 25-16 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 25-17 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 25-18 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 25-19 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 25-20 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 25-21 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 25-22 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 25-23 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 25-24 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 25-25 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 25-26 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 25-27 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 25-28 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 25-29 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 25-30 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 25-31 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 25-32 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 25-33 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteeggsn Raised on class: lteeggsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 25-34 IgmpSnoopingDown

Alarm	Attributes	Supported releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	All
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		

Table 25-35 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 25-36 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 25-37 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 25-38 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 25-39 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 25-40 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 25-41 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none">7.2.1
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 25-42 LowTemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none">7.2.1
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		

Table 25-43 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none">7.2.1
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\\"')'		
Clearing condition: ('EPS Path' NOT EQUAL '\\"')'		

Table 25-44 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 7.2.1
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		

Table 25-45 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 25-46 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> 7.2.1
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 25-47 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> 7.2.1
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 25-48 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 25-49 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None'))))		

Table 25-50 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 25-51 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 25-52 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 25-53 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 25-54 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 25-55 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 25-56 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> 7.2.1
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 25-57 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 25-58 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 25-59 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 25-60 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 25-61 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 25-62 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 25-63 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 7.2.1
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 25-64 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 7.2.1
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 25-65 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none">7.2.1
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 25-66 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none">7.2.1
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 25-67 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none">7.2.1
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 25-68 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 25-69 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 25-70 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> 7.2.1
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

26 — Alcatel-Lucent OS9600 alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 26-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 6.3.4• 6.4.2• 6.4.3
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 26-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 26-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 26-4 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 26-5 BgpDown

Alarm	Attributes	Supported releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 26-6 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 26-7 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 26-8 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 26-9 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 26-10 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 26-11 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 26-12 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 26-13 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 26-14 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 26-15 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 26-16 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 26-17 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 26-18 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 26-19 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 26-20 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 26-21 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 26-22 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 26-23 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 26-24 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 26-25 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 26-26 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 26-27 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 26-28 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 26-29 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 26-30 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 26-31 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 26-32 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 26-33 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 26-34 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 26-35 IfVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 26-36 IgmpDown

Alarm	Attributes	Supported releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 26-37 IgmpSnoopingDown

Alarm	Attributes	Supported releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		

Table 26-38 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 26-39 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 26-40 IsisDown

Alarm	Attributes	Supported releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 26-41 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 26-42 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 26-43 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 26-44 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 26-45 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 26-46 LowTemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		

Table 26-47 LpsViolation

Alarm	Attributes	Supported releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		

Table 26-48 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 26-49 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 26-50 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		

Table 26-51 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		

Table 26-52 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 26-53 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 26-54 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 26-55 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 26-56 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 26-57 PimDown

Alarm	Attributes	Supported releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when a PIM site is administratively Up but operationally Down. The alarm clears when the site becomes operationally Up or administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 26-58 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 26-59 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 26-60 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 26-61 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 26-62 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 26-63 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 26-64 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 26-65 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 26-66 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 26-67 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 26-68 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 26-69 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 26-70 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 26-71 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 26-72 SiteManagementVlanConflict

Alarm	Attributes	Supported releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

Table 26-73 SiteVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 26-74 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 26-75 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 26-76 TlsSiteDown

Alarm	Attributes	Supported releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		

Table 26-77 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 26-78 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 26-79 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 26-80 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 26-81 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 26-82 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 26-83 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 26-84 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 26-85 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 26-86 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

27 — Alcatel-Lucent OS9700 alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 27-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 6.3.4• 6.4.2• 6.4.3
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 27-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 27-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 27-4 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 27-5 BgpDown

Alarm	Attributes	Supported releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 27-6 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 27-7 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 27-8 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 27-9 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 27-10 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 27-11 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 27-12 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 27-13 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 27-14 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 27-15 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 27-16 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 27-17 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 27-18 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 27-19 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 27-20 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 27-21 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 27-22 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 27-23 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 27-24 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 27-25 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 27-26 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 27-27 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 27-28 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 27-29 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 27-30 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 27-31 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 27-32 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 27-33 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 27-34 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 27-35 IfVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 27-36 IgmpDown

Alarm	Attributes	Supported releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 27-37 IgmpSnoopingDown

Alarm	Attributes	Supported releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		

Table 27-38 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 27-39 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 27-40 IsisDown

Alarm	Attributes	Supported releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 27-41 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 27-42 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 27-43 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 27-44 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 27-45 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 27-46 LowTemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		

Table 27-47 LpsViolation

Alarm	Attributes	Supported releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		

Table 27-48 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 27-49 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 27-50 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 27-51 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		

Table 27-52 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 27-53 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 27-54 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 27-55 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 27-56 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 27-57 PimDown

Alarm	Attributes	Supported releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when a PIM site is administratively Up but operationally Down. The alarm clears when the site becomes operationally Up or administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 27-58 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 27-59 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 27-60 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 27-61 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 27-62 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 27-63 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 27-64 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 27-65 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 27-66 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 27-67 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 27-68 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 27-69 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 27-70 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 27-71 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 27-72 SiteManagementVlanConflict

Alarm	Attributes	Supported releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

Table 27-73 SiteVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 27-74 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 27-75 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 27-76 TlsSiteDown

Alarm	Attributes	Supported releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		

Table 27-77 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 27-78 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 27-79 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 27-80 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 27-81 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 27-82 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 27-83 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 27-84 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 27-85 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 27-86 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

28 — Alcatel-Lucent OS9700E/9800E alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 28-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 28-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 28-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 28-4 AreaTypeMismatch

Alarm	Attributes	Supported releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		

Table 28-5 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 28-6 BgpDown

Alarm	Attributes	Supported releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 28-7 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 28-8 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 28-9 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 28-10 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 28-11 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 28-12 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 28-13 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 28-14 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 28-15 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 28-16 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 28-17 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 28-18 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 28-19 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 28-20 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 28-21 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 28-22 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 28-23 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 28-24 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 28-25 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 28-26 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 28-27 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 28-28 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 28-29 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 28-30 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 28-31 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 28-32 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 28-33 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 28-34 ForwardingTableSizeLimitReached

Alarm	Attributes	Supported releases
Name: ForwardingTableSizeLimitReached (164) Type: resourceAlarm (28) Package: l2fwd Raised on class: l2fwd.SiteFib	Severity: major Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the number of MAC address entries in the FIB reaches or exceeds the VPLS site high watermark specified by l2fwd.SiteFib.highWatermark. The alarm clears when the number of MAC address entries in the FIB drops below the VPLS site low watermark specified by l2fwd.SiteFib.lowWatermark. The alarm can be raised against a VPLS site, L2 access interface, or spoke SDP binding.		
Raising condition: (('Entries' >= 'Size') OR ('Entries' >= (('High Watermark' * 'Size') / 100.0)))		
Clearing condition: (('Entries' < 'Size') AND (('High Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0))) AND (('Low Watermark' EQUAL '0L') OR ('Entries' < (('Low Watermark' * 'Size') / 100.0)))		

Table 28-35 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 28-36 FrameSizeProblem (svt)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('Operational State' EQUAL 'MTU Mismatch') OR ('Operational State' EQUAL 'Tunnel MTU Too Small'))		
Clearing condition: (('Operational State' NOT EQUAL 'MTU Mismatch') AND ('Operational State' NOT EQUAL 'Tunnel MTU Too Small'))		

Table 28-37 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteegsn Raised on class: lteegsn.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 28-38 IfVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 28-39 IgmpDown

Alarm	Attributes	Supported releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 28-40 IgmpSnoopingDown

Alarm	Attributes	Supported releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		

Table 28-41 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 28-42 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 28-43 IsisDown

Alarm	Attributes	Supported releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 28-44 KeepAliveProblem

Alarm	Attributes	Supported releases
Name: KeepAliveProblem (100) Type: oamAlarm (18) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: keepAliveFailed (86)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM detects a keep-alive protocol status of senderIdInvalid or responderIdError.		
Raising condition: (('Keep-Alive State' NOT EQUAL 'Disabled') AND ('Keep-Alive State' NOT EQUAL 'Alive') AND ('Keep-Alive State' NOT EQUAL 'Unknown'))		
Clearing condition: (('Keep-Alive State' EQUAL 'Disabled') OR ('Keep-Alive State' EQUAL 'Alive') OR ('Keep-Alive State' EQUAL 'Unknown'))		

Table 28-45 LabelProblem

Alarm	Attributes	Supported releases
Name: LabelProblem (98) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: labelProblem (84)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an ingress or an egress label is missing.		
Raising condition: (('Operational State' EQUAL 'No Egress Label') OR ('Operational State' EQUAL 'No Ingress Label') OR ('Operational State' EQUAL 'No Labels'))		
Clearing condition: (('Operational State' NOT EQUAL 'No Egress Label') AND ('Operational State' NOT EQUAL 'No Ingress Label') AND ('Operational State' NOT EQUAL 'No Labels'))		

Table 28-46 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 28-47 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 28-48 LdpDown

Alarm	Attributes	Supported releases
Name: LdpDown (22) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an LDP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 28-49 LdpSessionNonexistent

Alarm	Attributes	Supported releases
Name: LdpSessionNonexistent (2954) Type: LdpSessionAlarm (101) Package: ldp Raised on class: ldp.Session	Severity: critical Implicitly cleared: true Default probable cause: LdpSessionDown (1149)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an LDP session is nonexistent.		
Raising condition: ('Session State' EQUAL 'Non-existent')		
Clearing condition: ('Session State' EQUAL 'Operational')		

Table 28-50 LdpTargetedPeerDown

Alarm	Attributes	Supported releases
Name: LdpTargetedPeerDown (23) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.TargetedPeer	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an LDP targeted peer is operationally down.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 28-51 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 28-52 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 28-53 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 28-54 LowTemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		

Table 28-55 LpsViolation

Alarm	Attributes	Supported releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		

Table 28-56 LspDown

Alarm	Attributes	Supported releases
Name: LspDown (25) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Lsp	Severity: critical Implicitly cleared: true Default probable cause: lspDown (19)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the Operational State of an LSP is Down, but the Administrative State is Up.		
Raising condition: (('administrativeState' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('administrativeState' NOT EQUAL 'Up'))		

Table 28-57 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 28-58 macMoveRateExceeded (svt)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: SpokeSdpBindingAlarm (104) Package: svt Raised on class: svt.SpokeSdpBinding	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	All
Description: The alarm is raised when the SDP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('operationalFlags'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('operationalFlags'anyBit'Relearn Limit Exceeded'))		

Table 28-59 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 28-60 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\')		
Clearing condition: ('EPS Path' NOT EQUAL '\')		

Table 28-61 MplsDown

Alarm	Attributes	Supported releases
Name: MplsDown (27) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an MPLS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 28-62 NeighborDown

Alarm	Attributes	Supported releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		

Table 28-63 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		

Table 28-64 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 28-65 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 28-66 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 28-67 OspflInterfaceDown

Alarm	Attributes	Supported releases
Name: OspflInterfaceDown (141) Type: OspflInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspflInterfaceDown (112)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		

Table 28-68 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 28-69 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None'))))		

Table 28-70 PimDown

Alarm	Attributes	Supported releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This alarm is raised when a PIM site is administratively Up but operationally Down. The alarm clears when the site becomes operationally Up or administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 28-71 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 28-72 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 28-73 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 28-74 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 28-75 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 28-76 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 28-77 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 28-78 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 28-79 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 28-80 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 28-81 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 28-82 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 28-83 SdpBindingDown

Alarm	Attributes	Supported releases
Name: SdpBindingDown (221) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpBindingNotReady (166)	<ul style="list-style-type: none"> • 6.4.2
Description: The alarm is raised when an SDP binding has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-Homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For BGP Multi-Homing'))		

Table 28-84 SdpBindingTunnelDown

Alarm	Attributes	Supported releases
Name: SdpBindingTunnelDown (222) Type: CircuitAlarm (17) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: SdpTunnelNotReady (167)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an SDP binding tunnel has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Operational State' EQUAL 'Tunnel Not Ready') OR ('Operational State' EQUAL 'Tunnel Down'))		
Clearing condition: (('Operational State' NOT EQUAL 'Tunnel Not Ready') AND ('Operational State' NOT EQUAL 'Tunnel Down'))		

Table 28-85 SdpEgressIfsNetDomainInConsistent

Alarm	Attributes	Supported releases
Name: SdpEgressIfsNetDomainInConsistent (3616) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: true Default probable cause: sdpEgressIfsNetDomainInConsistent (1405)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the sdp egress interfaces consistency state changes to inconsistent.		
Raising condition: ('Egress Interfaces Consistency State' EQUAL '3')		
Clearing condition: ('Egress Interfaces Consistency State' EQUAL '2')		

Table 28-86 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 28-87 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 28-88 SiteManagementVlanConflict

Alarm	Attributes	Supported releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

Table 28-89 SiteVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 28-90 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 28-91 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 28-92 TlsSiteDown

Alarm	Attributes	Supported releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		

Table 28-93 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetEquipment Raised on class: ethernetEquipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 28-94 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 28-95 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band Preferred') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 28-96 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 28-97 TunnelAdministrativelyDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelAdministrativelyDown (523) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: minor Implicitly cleared: true Default probable cause: tunnelAdministrativelyDown (333)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is administratively down.		
Raising condition: ('Administrative' NOT EQUAL 'Up')		
Clearing condition: ('Administrative' EQUAL 'Up')		

Table 28-98 TunnelDown (svt)

Alarm	Attributes	Supported releases
Name: TunnelDown (30) Type: pathAlarm (12) Package: svt Raised on class: svt.Tunnel	Severity: critical Implicitly cleared: true Default probable cause: tunnelDown (23)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM detects that a service tunnel is operationally down.		
Raising condition: (('Administrative' EQUAL 'Up') AND ('Operational' NOT EQUAL 'Up'))		
Clearing condition: (('Operational' EQUAL 'Up') OR ('Administrative' NOT EQUAL 'Up'))		

Table 28-99 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 28-100 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 28-101 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 28-102 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 28-103 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 28-104 VirtualLinkDown

Alarm	Attributes	Supported releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 28-105 VirtualNeighborDown

Alarm	Attributes	Supported releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none">ospf.ShamLinkospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none">6.4.26.4.36.4.4
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		

Table 28-106 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none">6.4.26.4.36.4.4
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

29 — Alcatel-Lucent OS9800 alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 29-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 6.3.4• 6.4.2• 6.4.3
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 29-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 29-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 29-4 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 29-5 BgpDown

Alarm	Attributes	Supported releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 29-6 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 29-7 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 29-8 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 29-9 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 29-10 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 29-11 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 29-12 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 29-13 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 29-14 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 29-15 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none">• 6.3.4• 6.4.2• 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 29-16 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none">• 6.3.4• 6.4.2• 6.4.3
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 29-17 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none">• 6.3.4• 6.4.2• 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 29-18 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 29-19 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 29-20 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 29-21 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 29-22 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 29-23 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 29-24 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 29-25 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 29-26 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 29-27 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none">• 6.3.4• 6.4.2• 6.4.3
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 29-28 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none">• 6.3.4• 6.4.2• 6.4.3
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 29-29 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none">• 6.3.4• 6.4.2• 6.4.3
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 29-30 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 29-31 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 29-32 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 29-33 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 29-34 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 29-35 IfVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 29-36 IgmpDown

Alarm	Attributes	Supported releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 29-37 IgmpSnoopingDown

Alarm	Attributes	Supported releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		

Table 29-38 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 29-39 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 29-40 IsisDown

Alarm	Attributes	Supported releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 29-41 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 29-42 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 29-43 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 29-44 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 29-45 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 29-46 LowTemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		

Table 29-47 LpsViolation

Alarm	Attributes	Supported releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		

Table 29-48 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 29-49 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 29-50 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 29-51 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band')))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only'))) AND ('Primary Route Preference' EQUAL 'In Band') OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only'))) AND ('Primary Route Preference' EQUAL 'Out Of Band')))		

Table 29-52 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 29-53 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 29-54 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 29-55 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 29-56 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 29-57 PimDown

Alarm	Attributes	Supported releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when a PIM site is administratively Up but operationally Down. The alarm clears when the site becomes operationally Up or administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 29-58 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 29-59 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 29-60 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 29-61 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 29-62 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 29-63 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 29-64 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 29-65 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 29-66 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 29-67 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 29-68 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 29-69 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 29-70 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 29-71 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 29-72 SiteManagementVlanConflict

Alarm	Attributes	Supported releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

Table 29-73 SiteVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 29-74 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 29-75 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 29-76 TlsSiteDown

Alarm	Attributes	Supported releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		

Table 29-77 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 29-78 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 29-79 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 29-80 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 6.3.4 6.4.2 6.4.3
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 29-81 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 29-82 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 29-83 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 29-84 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 29-85 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 29-86 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> • 6.3.4 • 6.4.2 • 6.4.3
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

30 — Alcatel-Lucent OS6850/6850E alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 30-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 30-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 30-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 30-4 AreaTypeMismatch

Alarm	Attributes	Supported releases
Name: AreaTypeMismatch (38) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Area	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	<ul style="list-style-type: none">• 6.4.4
Description: The alarm is raised when an OSPF area on one NE is configured as an NSSA and the same OSPF area on another NE is configured as a stub area.		
Raising condition: ('Type Mismatch' EQUAL 'true')		
Clearing condition: ('Type Mismatch' EQUAL 'false')		

Table 30-5 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 30-6 BgpDown

Alarm	Attributes	Supported releases
Name: BgpDown (6) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a BGP instance has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 30-7 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 30-8 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 30-9 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> • persistentIndexFailure • configFileBootFailure 	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 30-10 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 30-11 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 30-12 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 30-13 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 30-14 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 30-15 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 30-16 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 30-17 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 30-18 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 30-19 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 30-20 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 30-21 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 30-22 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 30-23 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 30-24 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 30-25 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 30-26 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 30-27 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 30-28 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 30-29 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 30-30 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 30-31 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		

Table 30-32 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 30-33 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 30-34 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 30-35 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 30-36 IfVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 30-37 IgmpDown

Alarm	Attributes	Supported releases
Name: IgmpDown (158) Type: ProtocolAlarm (1) Package: igmp Raised on class: igmp.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an IGMP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 30-38 IgmpSnoopingDown

Alarm	Attributes	Supported releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		

Table 30-39 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 30-40 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 30-41 IsisDown

Alarm	Attributes	Supported releases
Name: IsisDown (19) Type: ProtocolAlarm (1) Package: isis Raised on class: isis.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an IS-IS site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 30-42 LagDown

Alarm	Attributes	Supported releases
Name: LagDown (20) Type: equipmentAlarm (3) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagDown (17)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when all ports in a LAG are operationally down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('operationalState' NOT EQUAL 'Up'))		
Clearing condition: (('operationalState' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 30-43 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 30-44 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 30-45 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 30-46 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 30-47 LowTemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		

Table 30-48 LpsViolation

Alarm	Attributes	Supported releases
Name: LpsViolation (518) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: major Implicitly cleared: true Default probable cause: learnedPortSecurityViolation (393)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM detects an LPS violation.		
Raising condition: ('Operational State' EQUAL 'Security Violated')		
Clearing condition: ('Operational State' EQUAL 'Down')		

Table 30-49 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 30-50 MepAISReceivedAlarm

Alarm	Attributes	Supported releases
Name: MepAISReceivedAlarm (2945) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: variable Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a MEP Receives AIS test frames from one or more of its sub-layer MEPs.		
Raising condition: (('Receiving AIS Test Frames' EQUAL 'true') AND ('Facility VLAN ID' EQUAL '0'))		
Clearing condition: ('Receiving AIS Test Frames' EQUAL 'false')		

Table 30-51 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\\"')		
Clearing condition: ('EPS Path' NOT EQUAL '\\"')		

Table 30-52 NeighborDown

Alarm	Attributes	Supported releases
Name: NeighborDown (121) Type: NeighborDown (20) Package: ospf Raised on class: ospf.AbstractNeighbor	Severity: major Implicitly cleared: true Default probable cause: NeighborDown (103)	<ul style="list-style-type: none"> • 6.4.4
Description: The alarm is raised when an OSPF interface neighbor is operationally Down.		
Raising condition: ('Operational State' NOT EQUAL 'full')		
Clearing condition: ('Operational State' EQUAL 'full')		

Table 30-53 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		

Table 30-54 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 30-55 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 30-56 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 30-57 OspfInterfaceDown

Alarm	Attributes	Supported releases
Name: OspfInterfaceDown (141) Type: OspfInterfaceDown (24) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: true Default probable cause: OspfInterfaceDown (112)	<ul style="list-style-type: none"> • 6.4.4
Description: The alarm is raised when an OSPF interface is operationally down.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		

Table 30-58 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 30-59 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None')))		

Table 30-60 PimDown

Alarm	Attributes	Supported releases
Name: PimDown (184) Type: ProtocolAlarm (1) Package: pim Raised on class: pim.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This alarm is raised when a PIM site is administratively Up but operationally Down. The alarm clears when the site becomes operationally Up or administratively Down.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 30-61 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 30-62 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 30-63 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 30-64 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 30-65 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 30-66 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 30-67 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 30-68 RedundantMepMisconfiguration

Alarm	Attributes	Supported releases
Name: RedundantMepMisconfiguration (3631) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: misconfiguredRedundantMep (1416)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an Active and Redundant MEP do not have the same Id and Operational MAC Address configured.		
Raising condition: ('validRedundantMepConfig' EQUAL 'false')		
Clearing condition: ('validRedundantMepConfig' EQUAL 'true')		

Table 30-69 RedundantMepMissing

Alarm	Attributes	Supported releases
Name: RedundantMepMissing (3632) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: minor Implicitly cleared: true Default probable cause: missingRedundantMep (1417)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when there is a MEP on an Active LAG or SAP that is missing a redundant counterpart.		
Raising condition: (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' EQUAL '\'))		
Clearing condition: (('MC-LAG Inactive' EQUAL 'Not Applicable') OR (('MC-LAG Inactive' NOT EQUAL 'Not Applicable') AND ('Redundant MEP' NOT EQUAL '\')))		

Table 30-70 RemoteMepCCMAAlarm

Alarm	Attributes	Supported releases
Name: RemoteMepCCMAAlarm (502) Type: oamAlarm (18) Package: ethernetToam Raised on class: ethernetToam.Mep	Severity: major Implicitly cleared: true Default probable cause: missingRemoteMep (388)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a MEP loses connectivity with one or more remote MEPs. The Remote MEP DB State tab on a MEP lists the missing remote MEPs.		
Raising condition: ('High-priority Defect' NOT EQUAL '0')		
Clearing condition: ('High-priority Defect' EQUAL '0')		

Table 30-71 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 30-72 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 30-73 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 30-74 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 30-75 SiteManagementVlanConflict

Alarm	Attributes	Supported releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

Table 30-76 SiteVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 30-77 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 30-78 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 30-79 TlsSiteDown

Alarm	Attributes	Supported releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		

Table 30-80 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 30-81 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> • trapDestinationMisconfigured • duplicateTrapLogId 	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 30-82 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 30-83 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 6.4.2 6.4.3 6.4.4
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 30-84 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 30-85 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 30-86 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 30-87 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 30-88 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> • 6.4.2 • 6.4.3 • 6.4.4
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 30-89 VirtualLinkDown

Alarm	Attributes	Supported releases
Name: VirtualLinkDown (122) Type: VirtualLinkAlarm (21) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualLinkDown (104)	<ul style="list-style-type: none"> • 6.4.4
Description: The alarm is raised when a virtual link is Down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' NOT EQUAL 'Down')		

Table 30-90 VirtualNeighborDown

Alarm	Attributes	Supported releases
Name: VirtualNeighborDown (123) Type: VirtualNeighborDown (22) Package: ospf Raised on classes: <ul style="list-style-type: none">• ospf.ShamLink• ospf.VirtualLink	Severity: warning Implicitly cleared: true Default probable cause: VirtualNeighborDown (105)	<ul style="list-style-type: none">• 6.4.4
Description: The alarm is raised when a neighbor virtual link is operationally down.		
Raising condition: ('neighborCount' EQUAL '0L')		
Clearing condition: ('neighborCount' NOT EQUAL '0L')		

Table 30-91 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none">• 6.4.2• 6.4.3• 6.4.4
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL \"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

31 – Telco T5C alarms



Note — Some alarms that the 5620 SAM can raise against this device may not be listed in this chapter. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort. If the 5620 SAM raises an alarm against this device type, and the alarm is not described in this chapter, see chapter 32 for information about the alarm.

Table 31-1 AccessInterfaceDown

Alarm	Attributes	Supported releases
Name: AccessInterfaceDown (249) Type: AccessInterfaceAlarm (32) Package: service Raised on class: service.AccessInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none">• 6.3.2• 6.5.0
Description: The alarm is raised when an L2 or L3 interface operational state is Down and the administrative state of the associated site is Up. The alarm is not raised against an L2 access interface that is associated with an MC ring or MC LAG in the standby state.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'Standby For MC-Ring') AND ('State Cause' NOT EQUAL 'Standby For MC-Lag') AND ('State Cause' NOT EQUAL 'Standby For BGP Multi-homing'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'Standby For MC-Ring') OR ('State Cause' EQUAL 'Standby For MC-Lag') OR ('State Cause' EQUAL 'Standby For BGP Multi-homing'))		

Table 31-2 AGWDiameterPeerDown

Alarm	Attributes	Supported releases
Name: AGWDiameterPeerDown (844) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWDiameterPeer	Severity: variable Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the path management state of a Diameter peer changes to a state other than Up.		
Raising condition: ('Path Diameter Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Diameter Management State' EQUAL 'Active')		

Table 31-3 AGWGTPPMIPPeerDown

Alarm	Attributes	Supported releases
Name: AGWGTPPMIPPeerDown (1120) Type: EpcAlarm (59) Package: lte Raised on class: lte.AGWGTPPMIPPeer	Severity: variable Implicitly cleared: true Default probable cause: AGWGTPPMIPPeerDown (832)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the pathManagementState of this EPS peer is not Up.		
Raising condition: ('Path Management State' EQUAL 'Fault')		
Clearing condition: ('Path Management State' EQUAL 'Up')		

Table 31-4 AncillaryPathLimitReached

Alarm	Attributes	Supported releases
Name: AncillaryPathLimitReached (459) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the Ingress Multicast Path Management ancillary path bandwidth limit is reached.		
Raising condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' >= " (1000 * 'Ancillary Path Limit')"))		
Clearing condition: (('Ancillary Path Limit' > '0') AND ('Ancillary Path In use' < (1000 * 'Ancillary Path Limit')))		

Table 31-5 AuxiliaryServerStatus

Alarm	Attributes	Supported releases
Name: AuxiliaryServerStatus (311) Type: communicationsAlarm (4) Package: server Raised on class: server.AuxiliaryServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a 5620 SAM main server cannot communicate with an auxiliary server. The alarm clears when communication is restored.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 31-6 BootableConfigBackupFailed

Alarm	Attributes	Supported releases
Name: BootableConfigBackupFailed (103) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the 5620 SAM fails to back up a set of NE configuration files.		
Raising condition: ('Backup State' EQUAL 'Failure')		
Clearing condition: ('Backup State' EQUAL 'Success')		

Table 31-7 BootableConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: BootableConfigRestoreFailed (104) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the 5620 SAM fails to restore a set of NE configuration files.		
Raising condition: ('Restore State' EQUAL 'Failure')		
Clearing condition: ('Restore State' EQUAL 'Success')		

Table 31-8 BootParametersMisconfigured

Alarm	Attributes	Supported releases
Name: BootParametersMisconfigured (35) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: persistentIndexFailure (30) Applicable probable causes: <ul style="list-style-type: none"> persistentIndexFailure configFileBootFailure 	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the SNMP Index Boot Status on an NE is not set to Persistent.		
Raising condition: (('isGenericNode' EQUAL 'false') AND ('State' NOT EQUAL 'Pre-provisioned') AND (('Config File Status' NOT EQUAL 'Executed Successfully') OR ('Persistent Index Status' NOT EQUAL 'Rebuild Succeeded')))		
Clearing condition: (('Config File Status' EQUAL 'Executed Successfully') AND ('Persistent Index Status' EQUAL 'Rebuild Succeeded'))		

Table 31-9 ClientDelegateServerStatus

Alarm	Attributes	Supported releases
Name: ClientDelegateServerStatus (731) Type: communicationsAlarm (4) Package: server Raised on class: server.ClientDelegateServer	Severity: critical Implicitly cleared: true Default probable cause: systemFailed (144)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a client delegate server is unreachable.		
Raising condition: ('Server Status' EQUAL 'Down')		
Clearing condition: ('Server Status' EQUAL 'Up')		

Table 31-10 ContainingEquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentAdministrativelyDown (466) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: containingEquipmentAdministrativelyDown (330)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentAdministrativelyDown.		
Raising condition: (('Status' EQUAL 'Parent Admin Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Admin Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 31-11 ContainingEquipmentMismatch

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMismatch (464) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMismatch (328)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMismatch.		
Raising condition: (('Status' EQUAL 'Parent Type Mismatch') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Type Mismatch') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 31-12 ContainingEquipmentOperationallyDown

Alarm	Attributes	Supported releases
Name: ContainingEquipmentOperationallyDown (465) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentDown (329)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentOperationallyDown.		
Raising condition: (('Status' EQUAL 'Parent Oper Down') AND ('isTerminatable' EQUAL 'true'))		
Clearing condition: (('Status' NOT EQUAL 'Parent Oper Down') OR ('isTerminatable' NOT EQUAL 'true'))		

Table 31-13 CorruptImageFile

Alarm	Attributes	Supported releases
Name: CorruptImageFile (171) Type: configurationAlarm (11) Package: mediation Raised on class: mediation.AbstractSoftwareFolderDescriptor	Severity: critical Implicitly cleared: true Default probable cause: invalidOrCorruptImageFile (134)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when one or more files in the 5620 SAM software image specified for a device software upgrade is invalid, corrupt or absent. The 5620 SAM validates a device software file set before it imports the file set and distributes it to an NE. Ensure that the file set downloads properly to the NE and is not tampered with before you re-attempt the upgrade. The alarm clears when a valid file set is on the NE and the 5620 SAM activates the software image in the file set.		
Raising condition: ('isImageValid' EQUAL 'false')		
Clearing condition: ('isImageValid' EQUAL 'true')		

Table 31-14 downgradedCardAlarm

Alarm	Attributes	Supported releases
Name: downgradedCardAlarm (256) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: downgradedCard (195)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when an IOM is not upgraded or reset after a device software upgrade of both CPMs. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Downgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 31-15 EquipmentAdministrativelyDown

Alarm	Attributes	Supported releases
Name: EquipmentAdministrativelyDown (455) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: equipmentAdministrativelyDown (326)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentAdministrativelyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Admin Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Admin Down')		

Table 31-16 EquipmentDegraded

Alarm	Attributes	Supported releases
Name: EquipmentDegraded (604) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: minor Implicitly cleared: true Default probable cause: singleFanFailure (450)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a single fan fails. The chassis attempts to continue operating within the normal temperature range using only the remaining fans.		
Raising condition: ('Device State' EQUAL 'MinorFailure')		
Clearing condition: ('Device State' NOT EQUAL 'MinorFailure')		

Table 31-17 EquipmentDown

Alarm	Attributes	Supported releases
Name: EquipmentDown (10) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: inoperableEquipment (8)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentOperationallyDown.		
Raising condition: ('compositeEquipmentState' EQUAL 'Oper Down')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Oper Down')		

Table 31-18 EquipmentFailure

Alarm	Attributes	Supported releases
Name: EquipmentFailure (145) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: cardFailure (123)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a control processor or power-supply tray reports a failure. When the object type is ControlProcessor, a CPM may be unable to boot. When the object type is Power Supply Tray and the alarm is raised during device discovery, a power-supply tray may be out of service. When the object type is a Power Supply Tray and the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: ('operationalState' EQUAL 'Failed')		
Clearing condition: ('operationalState' NOT EQUAL 'Failed')		

Table 31-19 EquipmentInTest

Alarm	Attributes	Supported releases
Name: EquipmentInTest (11) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: equipmentInTest (9)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when equipment enters a diagnostic state.		
Raising condition: ('compositeEquipmentState' EQUAL 'In Test')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'In Test')		

Table 31-20 EquipmentMismatch

Alarm	Attributes	Supported releases
Name: EquipmentMismatch (9) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentTypeMismatch (7)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMismatch.		
Raising condition: ('compositeEquipmentState' EQUAL 'Type Mismatch')		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Type Mismatch')		

Table 31-21 EquipmentRemoved

Alarm	Attributes	Supported releases
Name: EquipmentRemoved (8) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: replaceableEquipmentRemoved (6)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the compositeEquipmentState attribute has a value of equipmentMissing.		
Raising condition: (('compositeEquipmentState' EQUAL 'Removed') AND ('isEquipmentInserted' EQUAL 'true'))		
Clearing condition: ('compositeEquipmentState' NOT EQUAL 'Removed')		

Table 31-22 EthernetPortConfiguredLoopback

Alarm	Attributes	Supported releases
Name: EthernetPortConfiguredLoopback (801) Type: configurationAlarm (11) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ethernetPortConfiguredLoopback (567)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a timed loopback is in effect for an Ethernet port.		
Raising condition: (('Type' NOT EQUAL 'None'))		
Clearing condition: (('Type' EQUAL 'None'))		

Table 31-23 EthernetPortDuplicateLane

Alarm	Attributes	Supported releases
Name: EthernetPortDuplicateLane (3557) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: DuplicateLane (1387)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a device reports a Duplicate Lane on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Duplicate Lane') AND ('Report Alarms'anyBit'Duplicate Lane'))		

Table 31-24 EthernetPortHighBer

Alarm	Attributes	Supported releases
Name: EthernetPortHighBer (307) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a device reports a high bit-error rate on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'High Bit Error Rate') AND ('Report Alarms'anyBit'High Bit Error Rate'))		

Table 31-25 EthernetPortLocalFault

Alarm	Attributes	Supported releases
Name: EthernetPortLocalFault (305) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: LocalFault (236)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a device reports a local fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Local Fault') AND ('Report Alarms'anyBit'Local Fault'))		

Table 31-26 EthernetPortNoAmLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoAmLock (3558) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoAmLock (1388)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a device reports a No Am Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No AM Lock') AND ('Report Alarms'anyBit'No AM Lock'))		

Table 31-27 EthernetPortNoBlockLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoBlockLock (3559) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoBlockLock (1389)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a device reports a No Block Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Block Lock') AND ('Report Alarms'anyBit'No Block Lock'))		

Table 31-28 EthernetPortNoFrameLock

Alarm	Attributes	Supported releases
Name: EthernetPortNoFrameLock (306) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: NoFrameLock (237)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a device reports No Frame Lock on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'No Frame Lock') AND ('Report Alarms'anyBit'No Frame Lock'))		

Table 31-29 EthernetPortRemoteFault

Alarm	Attributes	Supported releases
Name: EthernetPortRemoteFault (304) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: RemoteFault (235)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a device reports a remote fault on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		
Clearing condition: NOT (('Outstanding Alarms'anyBit'Remote Fault') AND ('Report Alarms'anyBit'Remote Fault'))		

Table 31-30 EthernetPortSignalFailure

Alarm	Attributes	Supported releases
Name: EthernetPortSignalFailure (303) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: SignalFailure (234)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a device reports a signal failure on an Ethernet port.		
Raising condition: (('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))		
Clearing condition: NOT (((('Outstanding Alarms'anyBit'Signal Failure') AND ('Report Alarms'anyBit'Signal Failure'))))		

Table 31-31 FanFailure

Alarm	Attributes	Supported releases
Name: FanFailure (624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: fanFailure (116)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the associated fan is not operationally Up.		
Raising condition: (('Device State' EQUAL 'Failed') OR ('Device State' EQUAL 'Unknown') OR ('Device State' EQUAL 'OutOfservice'))		
Clearing condition: ('Device State' EQUAL 'OK')		

Table 31-32 FanTrayRemoved

Alarm	Attributes	Supported releases
Name: FanTrayRemoved (569) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.FanTray	Severity: critical Implicitly cleared: true Default probable cause: FanTrayRemoved (438)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the deviceState attribute has a value of deviceNotEquipped.		
Raising condition: ('Device State' EQUAL 'Not Equipped')		
Clearing condition: ('Device State' NOT EQUAL 'Not Equipped')		

Table 31-33 FrameSizeProblem (netw)

Alarm	Attributes	Supported releases
Name: FrameSizeProblem (37) Type: configurationAlarm (11) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: frameSizeProblem (33)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a provisioned MTU size value is greater than the supported MTU size value.		
Raising condition: (('mtuMismatch' EQUAL 'true') AND ('portId' NOT EQUAL '0L'))		
Clearing condition: (('mtuMismatch' EQUAL 'false') OR ('portId' EQUAL '0L'))		

Table 31-34 GaPeerDown

Alarm	Attributes	Supported releases
Name: GaPeerDown (3303) Type: EpcAlarm (59) Package: lteggns Raised on class: lteggns.GaPeer	Severity: major Implicitly cleared: true Default probable cause: EPSPeerDown (602)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the path management state of a Ga peer changes to a state other than Up.		
Raising condition: ('Path Management State' NOT EQUAL 'Active')		
Clearing condition: ('Path Management State' EQUAL 'Active')		

Table 31-35 IfVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: IfVlanSubTypeConflict (213) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.L2AccessInterface	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when more than one type of VLAN service is configured with the same VLAN ID. The alarm is raised against an L2 access interface.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 31-36 IgmpSnoopingDown

Alarm	Attributes	Supported releases
Name: IgmpSnoopingDown (161) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.Bridge	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when IGMP snooping is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('IGMP Snooping' EQUAL 'Disabled')		
Clearing condition: ('IGMP Snooping' EQUAL 'Enabled')		

Table 31-37 IncompleteConfiguration

Alarm	Attributes	Supported releases
Name: IncompleteConfiguration (1942) Type: operationalViolation (93) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: incompleteConfig (225)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a pre-provisioned NE has no objects configured beneath it.		
Raising condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' EQUAL '\'))		
Clearing condition: (('State' EQUAL 'Pre-provisioned') AND ('eNodeB Equipment' NOT EQUAL '\'))		

Table 31-38 InterfaceDown (netw)

Alarm	Attributes	Supported releases
Name: InterfaceDown (36) Type: InterfaceAlarm (13) Package: netw Raised on class: netw.StatefullConnectableInterface	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when an interface or underlying resource fails, as indicated by an interface compositeState attribute value of failed or underlyingResourceFailed.		
Raising condition: (('compositeState' EQUAL 'Inoperable') OR ('compositeState' EQUAL 'Underlying Resource Inoperable'))		
Clearing condition: (('compositeState' NOT EQUAL 'Inoperable') AND ('compositeState' NOT EQUAL 'Underlying Resource Inoperable'))		

Table 31-39 LagPortAddFailed

Alarm	Attributes	Supported releases
Name: LagPortAddFailed (422) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: true Default probable cause: linkDown (315)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the Lag Port Add function Fails.		
Raising condition: (('state' EQUAL 'Link Down') AND ('LAG ID' > '0'))		
Clearing condition: (('state' NOT EQUAL 'Link Down') OR ('LAG ID' EQUAL '0'))		

Table 31-40 LicensedLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedLimitExceeded (127) Type: licensingAlarm (23) Package: security Raised on class: security.ProductLicense	Severity: critical Implicitly cleared: true Default probable cause: licensedLimitExceeded (106)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the license items in the network exceeds 100 percent of the license capacity.		
Raising condition: ('Exceeded' EQUAL 'true')		
Clearing condition: ('Exceeded' NOT EQUAL 'true')		

Table 31-41 LinkDown

Alarm	Attributes	Supported releases
Name: LinkDown (12) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: portLinkProblem (10)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a port has no associated physical link.		
Raising condition: ('compositeEquipmentState' EQUAL 'Link Down')		
Clearing condition: (('compositeEquipmentState' NOT EQUAL 'Link Down') AND ('compositeEquipmentState' NOT EQUAL 'Oper Down'))		

Table 31-42 LowTemperatureDetected

Alarm	Attributes	Supported releases
Name: LowTemperatureDetected (1127) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Low Temperature State' EQUAL 'Low')		
Clearing condition: ('Low Temperature State' NOT EQUAL 'Low')		

Table 31-43 LowTemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: LowTemperatureThresholdCrossed (1128) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOvercooled (838)	<ul style="list-style-type: none"> 6.3.2
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('lowTemperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('lowTemperatureThresholdCrossed' EQUAL 'false')		

Table 31-44 macMoveRateExceeded (service)

Alarm	Attributes	Supported releases
Name: macMoveRateExceeded (3690) Type: accessInterfaceAlarm (40) Package: service Raised on class: service.AccessInterface	Severity: minor Implicitly cleared: true Default probable cause: MacMoveRateExceeded (1429)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the SAP exceeds the Service Site's MAC Move Frequency.		
Raising condition: ('State Cause'anyBit'Relearn Limit Exceeded')		
Clearing condition: NOT (('State Cause'anyBit'Relearn Limit Exceeded'))		

Table 31-45 MobileConnectorDown

Alarm	Attributes	Supported releases
Name: MobileConnectorDown (1064) Type: EpcAlarm (59) Package: lteservice Raised on class: lteservice.MobileServiceConnector	Severity: minor Implicitly cleared: true Default probable cause: EpcDown (519)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the 5620 SAM no longer manages the EPS path instance of this mobile service site. As a result, the service must be regenerated.		
Raising condition: ('EPS Path' EQUAL '\'\')		
Clearing condition: ('EPS Path' NOT EQUAL '\'\')		

Table 31-46 MvrSiteDown

Alarm	Attributes	Supported releases
Name: MvrSiteDown (162) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.MvrSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('MVR Admin Status' EQUAL 'Disabled')		
Clearing condition: ('MVR Admin Status' EQUAL 'Enabled')		

Table 31-47 NeManagementAndTrapManagementMismatch

Alarm	Attributes	Supported releases
Name: NeManagementAndTrapManagementMismatch (1079) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: neManagementChange (817)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: This user-defined alarm is raised when the NE configuration is one of the following:- The Active Management IP is set to Out Of Band, and the Primary Route Preference is set to In Band.- The Active Management IP is set to In Band, and the Primary Route Preference is set to Out of Band.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'Out Of Band'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND (('Management IP Selection' EQUAL 'In Band Preferred') OR ('Management IP Selection' EQUAL 'In Band Only')) AND ('Primary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND (('Management IP Selection' EQUAL 'Out Of Band Preferred') OR ('Management IP Selection' EQUAL 'Out Of Band Only')) AND ('Primary Route Preference' EQUAL 'Out Of Band'))))		

Table 31-48 NewSsh2ServerKeyDetected

Alarm	Attributes	Supported releases
Name: NewSsh2ServerKeyDetected (285) Type: communicationsAlarm (4) Package: security Raised on class: security.KnownHostKey	Severity: warning Implicitly cleared: true Default probable cause: ssh2ServerKeyMismatch (217)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a 5620 SAM main server detects a new public SSH key.		
Raising condition: ('SSH2 Server Key Status' EQUAL 'Mismatch SSH2 Host Key')		
Clearing condition: ('SSH2 Server Key Status' EQUAL 'Active SSH2 Host Key')		

Table 31-49 NodeDatabaseFallbackDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseFallbackDetected (2923) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseFallback (1121)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: This alarm is raised when a configuration fallback has been detected on the node and comes back up with a previous configuration. To correct this situation it might be necessary to reconfigure the node, or full resync its database with the 'fallback' configuration returned by the node.		
Raising condition: ('State' EQUAL 'Node Configuration Fallback')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 31-50 NodeDatabaseMisalignmentDetected

Alarm	Attributes	Supported releases
Name: NodeDatabaseMisalignmentDetected (2924) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: nodeDatabaseMisalignment (1122)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: This alarm is raised when a configuration misalignment has been detected on the node and comes back up with an unexpected configuration (configuration change triggered by external tool, i.e.: NEM) To correct this situation it might be necessary to reconfigure the node with the SAM's old configuration or accepting the new configuration received from the node.		
Raising condition: ('State' EQUAL 'Node Configuration Misalignment')		
Clearing condition: ('State' EQUAL 'Managed')		

Table 31-51 OverTemperatureDetected

Alarm	Attributes	Supported releases
Name: OverTemperatureDetected (388) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the chassis temperature exceeds the maximum threshold value.		
Raising condition: ('Over Temperature State' EQUAL 'Over')		
Clearing condition: ('Over Temperature State' NOT EQUAL 'Over')		

Table 31-52 PersistentIndexParametersMisconfigured

Alarm	Attributes	Supported releases
Name: PersistentIndexParametersMisconfigured (173) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: persistentIndexConfigurationMismatch (136)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when persistence is set to Off in the NE BOF.		
Raising condition: (('Persistent SNMP Indices' EQUAL 'False') OR (('Persistent SNMP Indices' EQUAL 'True') AND ('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' EQUAL 'None')))		
Clearing condition: (('Persistent SNMP Indices' EQUAL 'True') AND (('hasRedundantProcessorCards' EQUAL 'false') OR (('hasRedundantProcessorCards' EQUAL 'true') AND ('Redundant Synchronization Mode' NOT EQUAL 'None'))))		

Table 31-53 PollerProblem

Alarm	Attributes	Supported releases
Name: PollerProblem (31) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resyncFailed (24)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the 5620 SAM is unable to poll a network object, for example, because of intermittent or no IP connectivity to an NE, incorrect SNMP security parameters, or disabled SNMP on the NE.		
Raising condition: ('Resync Status' EQUAL 'Full Resync Failed')		
Clearing condition: ('Resync Status' EQUAL 'Full Resync Done')		

Table 31-54 PowerSupplyFailure

Alarm	Attributes	Supported releases
Name: PowerSupplyFailure (633) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a power-supply tray reports a failure. When the alarm is raised during device discovery, a power-supply tray may be out of service. When the alarm is raised while the device is in the managed state, a power-supply tray may be out of service or the AC power shelf has a fault condition. The alarm clears when the status changes to OK.		
Raising condition: (('Power Supply 1 Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Failed') OR ('Power Supply Status' EQUAL 'Failed'))		
Clearing condition: (('Power Supply 1 Status' EQUAL 'OK') OR ('Power Supply Status' EQUAL 'OK'))		

Table 31-55 PowerSupplyRemoved

Alarm	Attributes	Supported releases
Name: PowerSupplyRemoved (542) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupplyTray	Severity: major Implicitly cleared: true Default probable cause: PowerSupplyRemoved (415)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a chassis power supply is removed.		
Raising condition: (('Power Supply Status' EQUAL 'Not Equipped') OR ('Power Supply 1 Status' EQUAL 'Not Equipped'))		
Clearing condition: (('Power Supply 1 Status' NOT EQUAL 'Not Equipped') OR ('Power Supply Status' NOT EQUAL 'Not Equipped'))		

Table 31-56 PppLoopbackDetected

Alarm	Attributes	Supported releases
Name: PppLoopbackDetected (362) Type: configurationAlarm (11) Package: ppp Raised on class: ppp.Interface	Severity: major Implicitly cleared: true Default probable cause: PppLoopbackDetected (259)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the value of tmnxPppLocalMagicNumber is the same as the value of tmnxPppRemoteMagicNumber, which indicates that the link may be looped back.		
Raising condition: (('Local Magic Number' EQUAL 'Remote Magic Number') AND ('Local Magic Number' NOT EQUAL '0L'))		
Clearing condition: (('Local Magic Number' NOT EQUAL 'Remote Magic Number') OR ('Local Magic Number' EQUAL '0L'))		

Table 31-57 PrimaryImageBootFailure

Alarm	Attributes	Supported releases
Name: PrimaryImageBootFailure (191) Type: configurationAlarm (11) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: bootOptionFileMisconfigured (150)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the primary software image specified in an NE BOF is unusable.		
Raising condition: (('imageSource' NOT EQUAL 'Primary') AND ('imageSource' NOT EQUAL 'Unknown'))		
Clearing condition: (('imageSource' EQUAL 'Primary') OR ('imageSource' EQUAL 'Unknown'))		

Table 31-58 PrimaryPathLimitReached

Alarm	Attributes	Supported releases
Name: PrimaryPathLimitReached (457) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the Ingress Multicast Path Management primary path bandwidth limit is reached.		
Raising condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' >= (1000 * 'Primary Path Limit'))"		
Clearing condition: (('Primary Path Limit' > '0') AND ('Primary Path In use' < (1000 * 'Primary Path Limit'))		

Table 31-59 RadiusOperStatusDown

Alarm	Attributes	Supported releases
Name: RadiusOperStatusDown (3692) Type: radiusOperStatusDownAlarm (105) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: radiusOperationStatusDown (1431)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when all RADIUS servers have gone down.		
Raising condition: ('RADIUS Operation State' EQUAL 'Down')		
Clearing condition: ('RADIUS Operation State' EQUAL 'Up')		

Table 31-60 ReachabilityProblem

Alarm	Attributes	Supported releases
Name: ReachabilityProblem (243) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: ReachabilityTestFailed (176)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when an Mediation poll of the SysUpTimeAlarm object on an NE fails, for example, because of network congestion or because the NE is too busy to respond. The probable cause is an unreachable NE Mediation agent on the NE. By default, the 5620 SAM polls a managed NE every two minutes. If a poll fails, the alarm is raised. The 5620 SAM polls the NE two minutes after the first failure. If successive polls fail, the 5620 SAM raises the polling interval for the NE by two minutes after each failure to a maximum of 12 min. The polling interval remains at 12 min until the 5620 SAM receives a response from the NE. The alarm clears when the 5620 SAM receives a response from the NE, and the 5620 SAM GUI icon that represents the NE turns from red to green.		
Raising condition: ('reachability' EQUAL 'Down')		

Table 31-61 ReconfigFailure

Alarm	Attributes	Supported releases
Name: ReconfigFailure (1949) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: failedReconfig (937)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: This alarm is raised when the reconfig action failed.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 31-62 RipDown

Alarm	Attributes	Supported releases
Name: RipDown (72) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: critical Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a RIP site has an Operational State other than Up, and the Administrative State is Up.		
Raising condition: (('Administrative State' EQUAL 'Up') AND ('Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('Administrative State' NOT EQUAL 'Up'))		

Table 31-63 SaveConfigFailed

Alarm	Attributes	Supported releases
Name: SaveConfigFailed (105) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: fileAccessError (90)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the admin save command on an NE fails.		
Raising condition: ('Config Save State' EQUAL 'Failure')		
Clearing condition: ('Config Save State' EQUAL 'Success')		

Table 31-64 SecondaryPathLimitReached

Alarm	Attributes	Supported releases
Name: SecondaryPathLimitReached (458) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the Ingress Multicast Path Management secondary path bandwidth limit is reached.		
Raising condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' >= (1000 * 'Secondary Path Limit')))		
Clearing condition: (('Secondary Path Limit' > '0') AND ('Secondary Path In use' < (1000 * 'Secondary Path Limit')))		

Table 31-65 ServiceSiteDown

Alarm	Attributes	Supported releases
Name: ServiceSiteDown (97) Type: serviceAlarm (16) Package: service Raised on class: service.Site	Severity: critical Implicitly cleared: true Default probable cause: siteDown (83)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when all SAPs on a site are operationally down, or when the service tunnels for the site are operationally down.		
Raising condition: (('Operational State' NOT EQUAL 'Up') AND ('State Cause' NOT EQUAL 'All Spoke SDP Bindings are Standby'))		
Clearing condition: (('Operational State' EQUAL 'Up') OR ('State Cause' EQUAL 'All Spoke SDP Bindings are Standby'))		

Table 31-66 SessionDown

Alarm	Attributes	Supported releases
Name: SessionDown (73) Type: ProtocolAlarm (1) Package: rsvp Raised on class: rsvp.Session	Severity: critical Implicitly cleared: true Default probable cause: interfaceDown (32)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when an RSVP session is operationally down.		
Raising condition: ('Operational State' EQUAL 'Down')		
Clearing condition: ('Operational State' EQUAL 'Up')		

Table 31-67 SiteManagementVlanConflict

Alarm	Attributes	Supported releases
Name: SiteManagementVlanConflict (223) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the management VLAN ID is used for another type of service.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

Table 31-68 SiteVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: SiteVlanSubTypeConflict (224) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a site.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 31-69 StatsRetrieveFailed

Alarm	Attributes	Supported releases
Name: StatsRetrieveFailed (244) Type: configurationAlarm (11) Package: sw Raised on class: sw.AccountingStatsRetrievalManager	Severity: major Implicitly cleared: false Default probable cause: fileTransferFailure (89)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the 5620 SAM cannot transfer an accounting file from an NE.		
Raising condition: (('Stats Retrieval State' NOT EQUAL 'Success') AND ('Stats Retrieval State' NOT EQUAL 'Not Attempted'))		

Table 31-70 TemperatureThresholdCrossed

Alarm	Attributes	Supported releases
Name: TemperatureThresholdCrossed (7) Type: environmentalAlarm (2) Package: equipment Raised on class: equipment.Environment	Severity: major Implicitly cleared: true Default probable cause: equipmentOverheated (5)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a temperature crosses a threshold.		
Raising condition: ('temperatureThresholdCrossed' EQUAL 'true')		
Clearing condition: ('temperatureThresholdCrossed' EQUAL 'false')		

Table 31-71 TlsSiteDown

Alarm	Attributes	Supported releases
Name: TlsSiteDown (163) Type: ProtocolAlarm (1) Package: layer2 Raised on class: layer2.TlsSite	Severity: warning Implicitly cleared: true Default probable cause: protocolDown (1)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when MVR is disabled on an NE and a TLS VLAN or MVR VLAN service is provisioned on the NE.		
Raising condition: ('TLS Admin Status' EQUAL 'Disabled')		
Clearing condition: ('TLS Admin Status' EQUAL 'Enabled')		

Table 31-72 TmnxEqPortEtherLoopDetected

Alarm	Attributes	Supported releases
Name: TmnxEqPortEtherLoopDetected (461) Type: portEtherLoopDetected (48) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: HighBer (238)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when a device detects a physical loop on an Ethernet port.		
Raising condition: (('Down When Looped Status' EQUAL 'Loop Detected'))		
Clearing condition: (('Down When Looped Status' EQUAL 'No Loop Detected'))		

Table 31-73 TrapDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: TrapDestinationMisconfigured (33) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: true Default probable cause: trapDestinationMisconfigured (26) Applicable probable causes: <ul style="list-style-type: none"> trapDestinationMisconfigured duplicateTrapLogId 	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when an SNMP trap destination other than the 5620 SAM is configured on an NE.		
Raising condition: ('isTrapDestinationMisconfigured' EQUAL 'true')		
Clearing condition: ('isTrapDestinationMisconfigured' EQUAL 'false')		

Table 31-74 TrapReceivingFailure

Alarm	Attributes	Supported releases
Name: TrapReceivingFailure (1083) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: trapsWillNotBeSent (822)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: This user-defined alarm is raised when the NE is unable to send traps because the NE configuration is one of the following:- The Management IP Selection is set to Out Of Band Only, the Primary Route Preference is set to In Band, and the Secondary Route Preference is set to None.- The Management IP Selection is set to In Band Only, the Primary Route Preference is set to Out Of Band, and the Secondary Route Preference is set to None.		
Raising condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'In Band Only') AND (('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Only') AND (('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'In Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'In Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'In Band') OR ('Secondary Route Preference' EQUAL 'In Band')) OR (('Active Management IP' EQUAL 'Out Of Band') AND ('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Primary Route Preference' EQUAL 'Out Of Band') OR ('Secondary Route Preference' EQUAL 'Out Of Band'))))		

Table 31-75 TrapRoutePreferenceRedundancyMissing

Alarm	Attributes	Supported releases
Name: TrapRoutePreferenceRedundancyMissing (1084) Type: communications (87) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: trapsRedundancyMissing (823)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The user-defined alarm is raised when NE management redundancy is configured without trap route preference redundancy.		
Raising condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Primary Route Preference' EQUAL 'In Band') AND ('Secondary Route Preference' EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Primary Route Preference' EQUAL 'Out Of Band') AND ('Secondary Route Preference' EQUAL 'None'))))		
Clearing condition: (((('Management IP Selection' EQUAL 'In Band Preferred') AND ('Active Management IP' EQUAL 'In Band') AND ('Secondary Route Preference' NOT EQUAL 'None')) OR (('Management IP Selection' EQUAL 'Out Of Band Preferred') AND ('Active Management IP' EQUAL 'Out Of Band') AND ('Secondary Route Preference' NOT EQUAL 'None'))))		

Table 31-76 UnidentifiedNode

Alarm	Attributes	Supported releases
Name: UnidentifiedNode (1922) Type: communicationsAlarm (4) Package: netw Raised on class: netw.DiscoveredNode	Severity: major Implicitly cleared: true Default probable cause: unidentifiedNode (922)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the node being discovered can not be properly identified.		
Raising condition: ('State' EQUAL 'Pending Identification')		
Clearing condition: ('State' NOT EQUAL 'Pending Identification')		

Table 31-77 UnmanageFailed

Alarm	Attributes	Supported releases
Name: UnmanageFailed (300) Type: discoveryControlAlarm (33) Package: netw Raised on class: netw.NodeDiscoveryControl	Severity: warning Implicitly cleared: true Default probable cause: unableToDeleteNode (231)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when an attempt to unmanage an NE fails.		
Raising condition: ('Site State' EQUAL 'unmanage failed')		
Clearing condition: ('Site State' NOT EQUAL 'unmanage failed')		

Table 31-78 UpgradedBuildVersionMismatch

Alarm	Attributes	Supported releases
Name: UpgradedBuildVersionMismatch (174) Type: configurationAlarm (11) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: upgradedImageNotBooted (137)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the software version that an NE reports after a software upgrade does not match the version of the software used for the upgrade.		
Raising condition: ('upgradedBuildVersionMismatch' EQUAL 'true')		
Clearing condition: ('upgradedBuildVersionMismatch' EQUAL 'false')		

Table 31-79 upgradedCardAlarm

Alarm	Attributes	Supported releases
Name: upgradedCardAlarm (255) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: upgradedCard (194)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the standby CPM is rebooted and operational after a software upgrade. A device resets an IOM automatically after 120 minutes if the IOM is not manually reset after a CPM upgrade.		
Raising condition: ('operationalState' EQUAL 'Upgrade')		
Clearing condition: ('operationalState' EQUAL 'Up')		

Table 31-80 VersionConfigRestoreFailed

Alarm	Attributes	Supported releases
Name: VersionConfigRestoreFailed (536) Type: configurationAlarm (11) Package: sw Raised on class: sw.BackupRestoreManager	Severity: major Implicitly cleared: true Default probable cause: versionMismatch (405)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the restore procedure on an NE fails because of a mismatch between the backup file set version and the NE software version.		
Raising condition: ('lastNmsVersionRestoreState' EQUAL 'Failure')		
Clearing condition: ('lastNmsVersionRestoreState' EQUAL 'Success')		

Table 31-81 WrongCpaaSoftwareVersion

Alarm	Attributes	Supported releases
Name: WrongCpaaSoftwareVersion (791) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: true Default probable cause: wrongCpaaSoftwareVersion (559)	<ul style="list-style-type: none"> 6.3.2 6.5.0
Description: The alarm is raised when the 7701 CPAA software is the wrong version and requires an upgrade.		
Raising condition: (('Software Version' EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		
Clearing condition: (('Software Version' NOT EQUAL "\"TiMOS-B-3.0.Generic \") AND ('Chassis Type' EQUAL '7701 CPAA'))		

Table 31-82 XplError

Alarm	Attributes	Supported releases
Name: XplError (573) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.DaughterCard	Severity: warning Implicitly cleared: true Default probable cause: xplError (443)	<ul style="list-style-type: none">• 6.3.2• 6.5.0
Description: The alarm is raised when an MDA reports persistent XPL Errors.		
Raising condition: ('Number Of Notifications' NOT EQUAL '0')		
Clearing condition: ('Number Of Notifications' EQUAL '0')		

32 — Unspecified NE alarms



Note — This chapter lists alarms that have no NE type specified. The alarms listed in this chapter may apply to one or more NE types, however, this information is not specified in the 5620 SAM alarm schema. Associating alarms with specific NE types is an ongoing Alcatel-Lucent effort.

Table 32-1 AccountingPolicyDown

Alarm	Attributes	Supported releases
Name: AccountingPolicyDown (538) Type: AccountingPolicy (54) Package: accounting Raised on class: accounting.Policy	Severity: critical Implicitly cleared: true Default probable cause: accountingPolicyDown (414)	Unspecified
Description: The alarm is raised when an accounting policy goes operationally Down after a file creation failure at the specified admin and backup locations.		
Raising condition: ('operationalState' EQUAL 'Down')		
Clearing condition: ('operationalState' NOT EQUAL 'Down')		

Table 32-2 AddressMisconfiguration

Alarm	Attributes	Supported releases
Name: AddressMisconfiguration (591) Type: configurationAlarm (11) Package: service Raised on class: service.Service	Severity: major Implicitly cleared: true Default probable cause: EpipeBackboneMacAddressMismatch (444) Applicable probable causes: <ul style="list-style-type: none"> EpipeBackboneMacAddressMismatch BVplsSourceMacAddressDuplicate 	Unspecified
Description: The alarm is raised when B-VPLS site addresses are misconfigured. The EpipeBackboneMacAddressMismatch probable cause indicates that the backbone destination MAC address does not match the backbone source MAC address of the site on the destination NE. The BVplsSourceMacAddressDuplicate probable cause indicates that there are duplicate backbone source MAC addresses.		

Table 32-3 AdvNotActivated

Alarm	Attributes	Supported releases
Name: AdvNotActivated (741) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.InstanceV6	Severity: warning Implicitly cleared: true Default probable cause: advertisementNotActivated (517)	Unspecified
Description: The alarm is raised when the parent interface of an IPv6 VR instance is not configured to send router advertisements, or when router advertisement is not configured to use the virtual MAC address.		

Table 32-4 Ais

Alarm	Attributes	Supported releases
Name: Ais (736) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: ais (513)	Unspecified
Description: The alarm is raised when an NE reports an AIS condition on the Tx or Rx circuit of a PDH tributary.		

Table 32-5 AisRx

Alarm	Attributes	Supported releases
Name: AisRx (1157) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: aisRx (860)	Unspecified
Description: The alarm is raised when there is a transmission alarm indication signal.		

Table 32-6 AisTx

Alarm	Attributes	Supported releases
Name: AisTx (1158) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: aisTx (861)	Unspecified
Description: The alarm is raised when there is a transmission alarm indication signal.		

Table 32-7 AlarmQueueOverflowed

Alarm	Attributes	Supported releases
Name: AlarmQueueOverflowed (3683) Type: qualityOfServiceAlarm (82) Package: netw Raised on class: netw.NmsSystem	Severity: critical Implicitly cleared: false Default probable cause: queueSizeExceeded (712)	Unspecified
Description: The alarm is raised when the alarm queue size exceeds the allowed maximum. When this happens, the 5620 SAM discards alarms.		

Table 32-8 AllTimingReferencesNotQualified

Alarm	Attributes	Supported releases
Name: AllTimingReferencesNotQualified (549) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: major Implicitly cleared: true Default probable cause: allTimingReferencesNotQualified (419)	Unspecified
Description: The alarm is raised when no timing references on an NE are in the Qualified state.		
Raising condition: (('Qualified State' NOT EQUAL 'Qualified') AND ('Qualified State' NOT EQUAL 'Qualified') AND ('Qualified State' NOT EQUAL 'Qualified') AND ('Qualified' NOT EQUAL 'Qualified'))		
Clearing condition: (('Qualified State' EQUAL 'Qualified') OR ('Qualified State' EQUAL 'Qualified') OR ('Qualified State' EQUAL 'Qualified') OR ('Qualified' EQUAL 'Qualified'))		

Table 32-9 apsCfgRaiseAlarm

Alarm	Attributes	Supported releases
Name: apsCfgRaiseAlarm (772) Type: configurationAlarm (11) Package: ethernetunnel Raised on class: ethernetunnel.EthernetTunnelEndpoint	Severity: major Implicitly cleared: true Default probable cause: configurationMismatch (548)	Unspecified
Description: The alarm is raised when the 5620 SAM detects a mismatch between the working and protection Ethernet tunnel group configurations.		

Table 32-10 apsNoRspRaiseAlarm

Alarm	Attributes	Supported releases
Name: apsNoRspRaiseAlarm (773) Type: configurationAlarm (11) Package: ethernetTunnel Raised on class: ethernetTunnel.EthernetTunnelEndpoint	Severity: major Implicitly cleared: true Default probable cause: incompleteProtectionSwitching (549)	Unspecified
Description: The alarm is raised when an Ethernet tunnel group protection switch is incomplete, as indicated by a comparison of the transmitted 'Requested Signal' values and the received 'Bridged Signal' in the APS protocol.		

Table 32-11 apsPrvsnAlarm

Alarm	Attributes	Supported releases
Name: apsPrvsnAlarm (1196) Type: configurationAlarm (11) Package: ethring Raised on class: ethring.Element	Severity: major Implicitly cleared: true Default probable cause: provisioningMismatch (470)	Unspecified
Description: The alarm is raised when an Ethernet Ring provisioning mismatch is detected. A mismatch occurs when the RPL Owner Node receives one or more No Request R-APS message(s) with RPL Blocked status flag set (NR, RB) and a Node ID that differs for its own.		

Table 32-12 apsPrvsnRaiseAlarm

Alarm	Attributes	Supported releases
Name: apsPrvsnRaiseAlarm (774) Type: configurationAlarm (11) Package: ethernetTunnel Raised on class: ethernetTunnel.EthernetTunnelEndpoint	Severity: major Implicitly cleared: true Default probable cause: provisioningMismatch (470)	Unspecified
Description: The alarm is raised when an Ethernet tunnel group provisioning mismatch is detected at the ETH layer. The mismatch is detected through a comparison of the transmitted and received APS protocol A, B and D bits.		

Table 32-13 AtpcLoopProblem

Alarm	Attributes	Supported releases
Name: AtpcLoopProblem (1142) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: minor Implicitly cleared: true Default probable cause: atpcLoopProblem (848)	Unspecified
Description: The alarm is raised when a receiver protection switchover fails.		

Table 32-14 AuthFailure

Alarm	Attributes	Supported releases
Name: AuthFailure (281) Type: authenticationAlarm (14) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: false Default probable cause: authFailure (46)	Unspecified
Description: The alarm is raised when authentication fails. The alarm information includes the source IP address.		

Table 32-15 AuxiliaryAlarm

Alarm	Attributes	Supported releases
Name: AuxiliaryAlarm (1159) Type: dryContactAlarm (47) Package: equipment Raised on class: equipment.AuxAlarmDefinition	Severity: variable Implicitly cleared: false Default probable cause: auxiliaryAlarmTriggered (862)	Unspecified
Description: The alarm is raised when an NE reports that a configured auxiliary alarm condition has been triggered.		

Table 32-16 BackgroundDiagnosticFault

Alarm	Attributes	Supported releases
Name: BackgroundDiagnosticFault (467) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: minor Implicitly cleared: true Default probable cause: backgroundDiagnosticFault (353)	Unspecified
Description: The alarm is raised when an NE detects a failure in a background diagnostic test suite.		

Table 32-17 backupScriptInUse

Alarm	Attributes	Supported releases
Name: backupScriptInUse (274) Type: configurationAlarm (11) Package: subscrident Raised on class: subscrident.Policy	Severity: major Implicitly cleared: true Default probable cause: backupInUse (206)	Unspecified
Description: The alarm is raised when the primary subscriber identification script is operationally down, but one of the other scripts is operationally up.		
Raising condition: (('isLocal' EQUAL 'true') AND ('Primary Script Operational State' NOT EQUAL 'Up') AND (('Secondary Script Operational State' EQUAL 'Up') OR ('Tertiary Script Operational State' EQUAL 'Up')))		
Clearing condition: (('isLocal' EQUAL 'true') AND (('Primary Script Operational State' EQUAL 'Up') OR (('Secondary Script Operational State' NOT EQUAL 'Up') AND ('Tertiary Script Operational State' NOT EQUAL 'Up'))))		

Table 32-18 BandwidthOverflow

Alarm	Attributes	Supported releases
Name: BandwidthOverflow (1143) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: bandwidthOverflow (849)	Unspecified
Description: The alarm is raised when a receiver protection switchover fails.		

Table 32-19 BatmDsx1CurrentCSSs

Alarm	Attributes	Supported releases
Name: BatmDsx1CurrentCSSs (336) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the current number of far-end Controlled Slip Seconds crosses the threshold.		

Table 32-20 BatmDsx1CurrentESs

Alarm	Attributes	Supported releases
Name: BatmDsx1CurrentESs (330) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the current number of far-end Errored Seconds crosses the threshold.		

Table 32-21 BatmDsx1CurrentLESs

Alarm	Attributes	Supported releases
Name: BatmDsx1CurrentLESs (326) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the current number of Line Errored Seconds crosses the threshold.		

Table 32-22 BatmDsx1CurrentPVCs

Alarm	Attributes	Supported releases
Name: BatmDsx1CurrentPVCs (328) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the current number of Path Coding Violations crosses the threshold.		

Table 32-23 BatmDsx1CurrentSEFSs

Alarm	Attributes	Supported releases
Name: BatmDsx1CurrentSEFSs (334) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the current number of far-end Severely Errored Framing Seconds crosses the threshold.		

Table 32-24 BatmDsx1CurrentSEsS

Alarm	Attributes	Supported releases
Name: BatmDsx1CurrentSEsS (332) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the current number of far-end Severely Errored Seconds crosses the threshold.		

Table 32-25 BatmDsx1CurrentUASs

Alarm	Attributes	Supported releases
Name: BatmDsx1CurrentUASs (338) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the current number of Unavailable Seconds crosses the threshold.		

Table 32-26 BatmDsx1TotalCSSs

Alarm	Attributes	Supported releases
Name: BatmDsx1TotalCSSs (337) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the total number of far-end Controlled Slip Seconds crosses the threshold.		

Table 32-27 BatmDsx1TotalESs

Alarm	Attributes	Supported releases
Name: BatmDsx1TotalESs (331) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the total number of far-end Errored Seconds crosses the threshold.		

Table 32-28 BatmDsx1TotalLEs

Alarm	Attributes	Supported releases
Name: BatmDsx1TotalLEs (327) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the total number of Line Errored Seconds crosses the threshold.		

Table 32-29 BatmDsx1TotalPVCs

Alarm	Attributes	Supported releases
Name: BatmDsx1TotalPVCs (329) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the total number of Path Coding Violations crosses the threshold.		

Table 32-30 BatmDsx1TotalSEFSs

Alarm	Attributes	Supported releases
Name: BatmDsx1TotalSEFSs (335) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the total number of far-end Severely Errored Framing Seconds crosses the threshold.		

Table 32-31 BatmDsx1TotalSEs

Alarm	Attributes	Supported releases
Name: BatmDsx1TotalSEs (333) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the total number of far-end Severely Errored Seconds crosses the threshold.		

Table 32-32 BatmDsx1TotalUAs

Alarm	Attributes	Supported releases
Name: BatmDsx1TotalUAs (339) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the total number of Unavailable Seconds crosses the threshold.		

Table 32-33 BatmPWVcCurrentFarEndFC

Alarm	Attributes	Supported releases
Name: BatmPWVcCurrentFarEndFC (324) Type: thresholdCrossed (6) Package: circem Raised on class: circem.Interface	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the current number of remote packet failures crosses the threshold.		

Table 32-34 BatmPWVcCurrentJtrBfrOverruns

Alarm	Attributes	Supported releases
Name: BatmPWVcCurrentJtrBfrOverruns (318) Type: thresholdCrossed (6) Package: circem Raised on class: circem.Interface	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the current number of out-of-range packets that could not be re-ordered or fit in the jitter buffer crosses the threshold. The packet range is indicated by the TDM header sequence numbers.		

Table 32-35 BatmPWVcCurrentJtrBfrUnderruns

Alarm	Attributes	Supported releases
Name: BatmPWVcCurrentJtrBfrUnderruns (316) Type: thresholdCrossed (6) Package: circem Raised on class: circem.Interface	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the current number of jitter buffer underruns crosses the threshold.		

Table 32-36 BatmPWVcCurrentMalformedPkt

Alarm	Attributes	Supported releases
Name: BatmPWVcCurrentMalformedPkt (320) Type: thresholdCrossed (6) Package: circem Raised on class: circem.Interface	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the current number of packets in the Unexpected Size or Bad Headers stack crosses the threshold.		

Table 32-37 BatmPWVcCurrentNearEndFC

Alarm	Attributes	Supported releases
Name: BatmPWVcCurrentNearEndFC (322) Type: thresholdCrossed (6) Package: circem Raised on class: circem.Interface	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the current number of local packet failures crosses the threshold.		

Table 32-38 BatmPWVcCurrentPktsOoseq

Alarm	Attributes	Supported releases
Name: BatmPWVcCurrentPktsOoseq (314) Type: thresholdCrossed (6) Package: circem Raised on class: circem.Interface	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the current number of successfully re-ordered out-of-sequence packets crosses the threshold. The packet sequence is indicated by the TDM header sequence numbers.		

Table 32-39 BatmPWVcFarEndFC

Alarm	Attributes	Supported releases
Name: BatmPWVcFarEndFC (325) Type: thresholdCrossed (6) Package: circem Raised on class: circem.Interface	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the total number of remote packet failures crosses the threshold.		

Table 32-40 BatmPWVcJtrBfrOverruns

Alarm	Attributes	Supported releases
Name: BatmPWVcJtrBfrOverruns (319) Type: thresholdCrossed (6) Package: circem Raised on class: circem.Interface	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the total number of out-of-range packets that could not be re-ordered or fit in the jitter buffer crosses the threshold. The packet range is indicated by the TDM header sequence numbers.		

Table 32-41 BatmPWVcJtrBfrUnderruns

Alarm	Attributes	Supported releases
Name: BatmPWVcJtrBfrUnderruns (317) Type: thresholdCrossed (6) Package: circem Raised on class: circem.Interface	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the total number of jitter buffer underruns crosses the threshold.		

Table 32-42 BatmPWVcMalformedPkt

Alarm	Attributes	Supported releases
Name: BatmPWVcMalformedPkt (321) Type: thresholdCrossed (6) Package: circem Raised on class: circem.Interface	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the total number of packets in the Unexpected Size or Bad Headers stack crosses the threshold.		

Table 32-43 BatmPWVcNearEndFC

Alarm	Attributes	Supported releases
Name: BatmPWVcNearEndFC (323) Type: thresholdCrossed (6) Package: circem Raised on class: circem.Interface	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the total number of local packet failures crosses the threshold.		

Table 32-44 BatmPWVcPktsOoseq

Alarm	Attributes	Supported releases
Name: BatmPWVcPktsOoseq (315) Type: thresholdCrossed (6) Package: circem Raised on class: circem.Interface	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the total number of successfully re-ordered out-of-sequence packets crosses the threshold. The packet sequence is indicated by the TDM header sequence numbers.		

Table 32-45 BatteryFail

Alarm	Attributes	Supported releases
Name: BatteryFail (616) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: batteryFail (457)	Unspecified
Description: The alarm is raised when the battery fails or is missing.		

Table 32-46 BfdSessionDown (rtr)

Alarm	Attributes	Supported releases
Name: BfdSessionDown (439) Type: bfdSessionAlarm (46) Package: rtr Raised on class: rtr.NetworkInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionDown (346)	Unspecified
Description: The alarm is raised when a BFD session is operationally Down.		

Table 32-47 BfdSessionDown (service)

Alarm	Attributes	Supported releases
Name: BfdSessionDown (439) Type: bfdSessionAlarm (46) Package: service Raised on class: service.L3AccessInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionDown (346)	Unspecified
Description: The alarm is raised when a BFD session is operationally down.		

Table 32-48 BfdSessionDown (vprn)

Alarm	Attributes	Supported releases
Name: BfdSessionDown (439) Type: bfdSessionAlarm (46) Package: vprn Raised on class: vprn.NetworkInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionDown (346)	Unspecified
Description: The alarm is raised when a BFD session is operationally Down.		

Table 32-49 BgpAdVplsIdDiscoveryError

Alarm	Attributes	Supported releases
Name: BgpAdVplsIdDiscoveryError (572) Type: serviceAlarm (16) Package: vpls Raised on class: vpls.AbstractSite	Severity: major Implicitly cleared: true Default probable cause: bgpAdVplsIdInconsistent (439)	Unspecified
Description: The alarm is raised when the VPLS ID of a discovered VPLS instance is ambiguous.		

Table 32-50 BgpAdVplsIdMisconfiguration

Alarm	Attributes	Supported releases
Name: BgpAdVplsIdMisconfiguration (570) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.AbstractVpls	Severity: major Implicitly cleared: true Default probable cause: bgpAdVplsIdInconsistent (439)	Unspecified
Description: The alarm is raised when the VPLS ID of a site does not match the VPLS ID of the other sites in the service.		

Table 32-51 BgpAsPathLenPerMonPrefThresholdReached

Alarm	Attributes	Supported releases
Name: BgpAsPathLenPerMonPrefThresholdReached (795) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: asPathTooLong (562)	Unspecified
Description: The alarm is raised when the AS path length for a monitored BGP route reaches or exceeds the maximum threshold value.		

Table 32-52 BgpFlowspecNlriProblem

Alarm	Attributes	Supported releases
Name: BgpFlowspecNlriProblem (3317) Type: ProtocolAlarm (1) Package: rtr Raised on class: rtr.RoutingInstanceSite	Severity: major Implicitly cleared: false Default probable cause: NlriProblem (1156)	Unspecified
Description: The alarm is raised when when a BGP flowspec NLRI is received in the filter module that cannot be treated.		

Table 32-53 BgpMonitorPrefixFlapRateThresholdReached

Alarm	Attributes	Supported releases
Name: BgpMonitorPrefixFlapRateThresholdReached (432) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: unstablePrefix (410)	Unspecified
Description: The alarm is raised when a BGP monitor prefix flap rate exceeds the maximum flap rate threshold value.		

Table 32-54 BgpMonPrefixUnreachable

Alarm	Attributes	Supported releases
Name: BgpMonPrefixUnreachable (1114) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: prefixUnreachable (827)	Unspecified
Description: The alarm is raised when no route for the monitored prefix is detected.		

Table 32-55 BgpMonPrefRedundancyLossThresholdReached

Alarm	Attributes	Supported releases
Name: BgpMonPrefRedundancyLossThresholdReached (796) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: lowNumberOfNHops (563)	Unspecified
Description: The alarm is raised when the number of next hops for a monitored BGP route reaches or falls below the minimum threshold value.		

Table 32-56 BgpPktRateThresholdReached

Alarm	Attributes	Supported releases
Name: BgpPktRateThresholdReached (431) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: unstableBgpSpeaker (409)	Unspecified
Description: The alarm is raised when a BGP packet rate exceeds the maximum threshold value.		

Table 32-57 BgpRouteChangeThresholdPerNHopReached

Alarm	Attributes	Supported releases
Name: BgpRouteChangeThresholdPerNHopReached (601) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: unstableBgpSpeaker (409)	Unspecified
Description: The alarm is raised when the number of BGP route changes for a next hop reaches the maximum threshold value for a next hop.		

Table 32-58 BgpRouteChangeThresholdPerRTargetReached

Alarm	Attributes	Supported releases
Name: BgpRouteChangeThresholdPerRTargetReached (600) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: unstableVpnSite (413)	Unspecified
Description: The alarm is raised when the number of BGP route changes for a route target reaches the maximum threshold value for route targets.		

Table 32-59 BgpRouteCountThresholdReached

Alarm	Attributes	Supported releases
Name: BgpRouteCountThresholdReached (428) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: tooManyBgpRouteForNextHop (408)	Unspecified
Description: The alarm is raised when the BGP route count for a next hop exceeds the maximum threshold value for next hops.		

Table 32-60 BgpRouteFlapRateThresholdReached

Alarm	Attributes	Supported releases
Name: BgpRouteFlapRateThresholdReached (430) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: unstableBgpSpeaker (409)	Unspecified
Description: The alarm is raised when the BGP route flap rate exceeds the maximum threshold value.		

Table 32-61 BgpRouteHighWatermarkPerRTargetReached

Alarm	Attributes	Supported releases
Name: BgpRouteHighWatermarkPerRTargetReached (433) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: tooManyBgpRouteForGivenRouteTarget (411)	Unspecified
Description: The alarm is raised when there are too many BGP routes for a route target.		

Table 32-62 BgpRouteLowWatermarkPerRTargetReached

Alarm	Attributes	Supported releases
Name: BgpRouteLowWatermarkPerRTargetReached (434) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: tooLittleBgpRouteForGivenRouteTarget (412)	Unspecified
Description: The alarm is raised when there are too few BGP routes for a route target.		

Table 32-63 BgpRouteRateThresholdPerRTargetReached

Alarm	Attributes	Supported releases
Name: BgpRouteRateThresholdPerRTargetReached (435) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: unstableVpnSite (413)	Unspecified
Description: The alarm is raised when the BGP route rate for a target reaches the maximum threshold value for route targets.		

Table 32-64 BgpRouteRateThresholdReached

Alarm	Attributes	Supported releases
Name: BgpRouteRateThresholdReached (429) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: tooManyBgpRouteForNextHop (408)	Unspecified
Description: The alarm is raised when the BGP route rate for a next hop exceeds the maximum threshold value for next hops.		

Table 32-65 BidirIpPathMonitorPathsDiverge

Alarm	Attributes	Supported releases
Name: BidirIpPathMonitorPathsDiverge (603) Type: topologyAlarm (34) Package: monpath Raised on class: monpath.BidirMonitoredIpPath	Severity: minor Implicitly cleared: true Default probable cause: ipPathsDiverge (449)	Unspecified
Description: The alarm is raised when the 5650 CPAM detects that the IP paths of a bidirectional IP path monitor diverge. The alarm clears when the paths converge. This may occur when an IP path monitor cannot be set up after the number of attempts specified by the cpamManagedRoute problematicThresholdAlarmAfter value in the nms-server.xml file. The alarm is raised if the cpamManagedRoute problematicRetryStrategy value in nms-server.xml is set to countdown. The default problematicRetryStrategy value of reactive prevents the alarm from being raised.		

Table 32-66 BidirLspMonitorPathsDiverge

Alarm	Attributes	Supported releases
Name: BidirLspMonitorPathsDiverge (1915) Type: topologyAlarm (34) Package: monpath Raised on class: monpath.BidirMonitoredLspPath	Severity: minor Implicitly cleared: true Default probable cause: LspPathsDiverge (917)	Unspecified
Description: The alarm is raised when the LSP's active path's hops do not match in the forward and reverse direction.		

Table 32-67 BootEnvironmentSyncFailed

Alarm	Attributes	Supported releases
Name: BootEnvironmentSyncFailed (101) Type: equipmentAlarm (3) Package: sw Raised on class: sw.SoftwareUpgradeManager	Severity: critical Implicitly cleared: true Default probable cause: bootEnvironmentSyncFailed (87)	Unspecified
Description: The alarm is raised when the synchronization of one or more system initialization files between the active and standby CPM cards fails. See the 7750 SR OS System Guide for more information.		

Table 32-68 BootLoaderFirmwareMismatchAlarm

Alarm	Attributes	Supported releases
Name: BootLoaderFirmwareMismatchAlarm (617) Type: firmwareAlarm (26) Package: equipment Raised on class: equipment.ControlProcessor	Severity: critical Implicitly cleared: false Default probable cause: bootLoaderVersionMismatch (118)	Unspecified
Description: The alarm is raised when there is a mismatch between the firmware version and the software image on an NE. The alarm information includes the discovered and expected version identifiers.		

Table 32-69 BrokenLoop

Alarm	Attributes	Supported releases
Name: BrokenLoop (469) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.StackConfiguration	Severity: major Implicitly cleared: true Default probable cause: stackNotInLoop (355)	Unspecified
Description: The alarm is raised when the loop-detection stack detects a loop condition, or when the stack contains an unexpected element.		

Table 32-70 BWUtilizationExceeded

Alarm	Attributes	Supported releases
Name: BWUtilizationExceeded (811) Type: thresholdCrossed (6) Package: cac Raised on class: cac.AbstractPhysicalLinkBandwidth	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the per-CoS or overall bandwidth utilization exceeds the configured threshold.		

Table 32-71 BWUtilizationExceededOnLink

Alarm	Attributes	Supported releases
Name: BWUtilizationExceededOnLink (1115) Type: thresholdCrossed (6) Package: vpls Raised on class: vpls.AbstractVpls	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the per-CoS or overall bandwidth utilization on a physical link that is used by a VLAN uplink exceeds the configured threshold.		

Table 32-72 BWUtilizationExceededOnTunnel (epipe)

Alarm	Attributes	Supported releases
Name: BWUtilizationExceededOnTunnel (812) Type: thresholdCrossed (6) Package: epipe Raised on class: epipe.Epipe	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the per-CoS or overall bandwidth utilization on a tunnel exceeds the configured threshold.		

Table 32-73 BWUtilizationExceededOnTunnel (vpls)

Alarm	Attributes	Supported releases
Name: BWUtilizationExceededOnTunnel (812) Type: thresholdCrossed (6) Package: vpls Raised on class: vpls.Vpls	Severity: major Implicitly cleared: true Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when the per-CoS or overall bandwidth utilization on a tunnel exceeds the configured threshold.		

Table 32-74 CableLOS (equipment)

Alarm	Attributes	Supported releases
Name: CableLOS (678) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: cableLOS (493)	Unspecified
Description: The alarm is raised when an MSS detects a cable LOS event.		

Table 32-75 CableLOS (radioequipment)

Alarm	Attributes	Supported releases
Name: CableLOS (678) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: cableLOS (493)	Unspecified
Description: The alarm is raised when an MSS detects a cable LOS event.		

Table 32-76 CardBootFailure

Alarm	Attributes	Supported releases
Name: CardBootFailure (1986) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: true Default probable cause: EqptFail (970)	Unspecified
Description: The alarm is raised when the card fails to boot.		

Table 32-77 CardCPUAboveThreshold

Alarm	Attributes	Supported releases
Name: CardCPUAboveThreshold (618) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: false Default probable cause: CardCPUUtilizationCrossedAboveThreshold (458)	Unspecified
Description: The alarm is raised when the card CPU usage exceeds the threshold value.		

Table 32-78 CardMemoryAboveThreshold

Alarm	Attributes	Supported releases
Name: CardMemoryAboveThreshold (619) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: false Default probable cause: CardMemoryUtilizationCrossedAboveThreshold (459)	Unspecified
Description: The alarm is raised when the card memory usage exceeds the threshold value.		

Table 32-79 CardRxAboveThreshold

Alarm	Attributes	Supported releases
Name: CardRxAboveThreshold (620) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: true Default probable cause: CardRxUtilizationCrossedAboveThreshold (460)	Unspecified
Description: The alarm is raised when the card Rx exceeds the threshold value.		

Table 32-80 CardRxTxAboveThreshold

Alarm	Attributes	Supported releases
Name: CardRxTxAboveThreshold (621) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: true Default probable cause: CardRxTxUtilizationCrossedAboveThreshold (461)	Unspecified
Description: The alarm is raised when the card Tx exceeds the threshold value.		

Table 32-81 CardUnseated

Alarm	Attributes	Supported releases
Name: CardUnseated (1161) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: true Default probable cause: CardUnseated (864)	Unspecified
Description: The alarm is raised when a card is removed.		

Table 32-82 CeAddressIncompatible

Alarm	Attributes	Supported releases
Name: CeAddressIncompatible (251) Type: configurationAlarm (11) Package: ipipe Raised on class: ipipe.Ipipe	Severity: major Implicitly cleared: true Default probable cause: ceAddressIncompatible (190)	Unspecified
Description: The alarm is raised when two SAPs in an Ipipe have the same CE IP address, or when the CE IP address is not the same as the CE IP address of the peer SDP binding.		
Raising condition: ('ceAddressIncompatible' EQUAL 'true')		
Clearing condition: ('ceAddressIncompatible' EQUAL 'false')		

Table 32-83 certifyFailureAlarm

Alarm	Attributes	Supported releases
Name: certifyFailureAlarm (533) Type: softwareAlarm (19) Package: sw Raised on class: sw.SoftwareControlModule	Severity: major Implicitly cleared: false Default probable cause: certifyFailureAlarm (402)	Unspecified
Description: The alarm is raised when the software certification process on an NE fails.		

Table 32-84 CheckpointLimitAt75Percent

Alarm	Attributes	Supported releases
Name: CheckpointLimitAt75Percent (425) Type: configurationAlarm (11) Package: topology Raised on class: topology.TopologyManager	Severity: warning Implicitly cleared: false Default probable cause: tooManyCheckpoints (337)	Unspecified
Description: The alarm is raised when the number of check points reaches 75 percent of the maximum allowed value.		

Table 32-85 CheckpointLimitReachedOrExceeded

Alarm	Attributes	Supported releases
Name: CheckpointLimitReachedOrExceeded (426) Type: configurationAlarm (11) Package: topology Raised on class: topology.TopologyManager	Severity: warning Implicitly cleared: false Default probable cause: tooManyCheckpointObjects (837)	Unspecified
Description: The alarm is raised when the number of check points objects reaches or exceeds the maximum allowed value.		

Table 32-86 ChildTemplateInvalid

Alarm	Attributes	Supported releases
Name: ChildTemplateInvalid (193) Type: configurationAlarm (11) Package: template Raised on class: template.TemplateBinding	Severity: major Implicitly cleared: true Default probable cause: referencedObjectInvalid (152)	Unspecified
Description: The alarm is raised when a child template in a template binding is invalid. The alarm is deprecated in the 5620 SAM, Release 6.0 and later.		
Raising condition: ('childTemplateInvalidReference' EQUAL 'true')		
Clearing condition: ('childTemplateInvalidReference' EQUAL 'false')		

Table 32-87 ClockFailure

Alarm	Attributes	Supported releases
Name: ClockFailure (1162) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: clockFailure (865)	Unspecified
Description: The alarm is raised when a clock failure occurs on MPT Radio.		

Table 32-88 CModeRxQueryMismatch

Alarm	Attributes	Supported releases
Name: CModeRxQueryMismatch (160) Type: configurationAlarm (11) Package: igmp Raised on class: igmp.Interface	Severity: major Implicitly cleared: false Default probable cause: InvalidCompatibilityModeofQueryReceieved (130)	Unspecified
Description: The alarm is raised when an IGMP interface receives an IGMP query of a higher version than the version configured on the interface, for example, when the interface is configured for IGMPv1 and it receives an IGMPv2 or IGMPv3 query. The interface does not process the received IGMP message.		

Table 32-89 CommonLOS

Alarm	Attributes	Supported releases
Name: CommonLOS (3621) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: commonLOS (1410)	Unspecified
Description: The alarm is raised when a loss of signal occurs on radio interface CLA.		

Table 32-90 ConfigFileSyncFailed

Alarm	Attributes	Supported releases
Name: ConfigFileSyncFailed (102) Type: equipmentAlarm (3) Package: sw Raised on class: sw.SoftwareUpgradeManager	Severity: critical Implicitly cleared: true Default probable cause: configFileSyncFailed (88)	Unspecified
Description: The alarm is raised when the configuration file synchronization between the active and standby CPM cards fails.		

Table 32-91 ConfigNotCompatible

Alarm	Attributes	Supported releases
Name: ConfigNotCompatible (405) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PhysicalPort	Severity: critical Implicitly cleared: false Default probable cause: DaughterCardConfigNotCompatible (301)	Unspecified
Description: The alarm is raised when an MDA configuration is incompatible with the MDA.		

Table 32-92 ContainingEquipmentMissing

Alarm	Attributes	Supported releases
Name: ContainingEquipmentMissing (463) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: containingEquipmentMissing (327)	Unspecified
Description: The alarm is raised when the compositeEquipmentState attribute has a value of containingEquipmentMissing.		
Clearing condition: (('Status' NOT EQUAL 'Parent Removed') OR ('isTerminatable' NOT EQUAL 'true') OR ('Equipped' EQUAL 'false'))		

Table 32-93 CorruptedBgpUpdate

Alarm	Attributes	Supported releases
Name: CorruptedBgpUpdate (3328) Type: topologyAlarm (34) Package: topology Raised on class: topology.BgpAutonomousSystem	Severity: major Implicitly cleared: false Default probable cause: CorruptedBgpUpdateDetected (1164)	Unspecified
Description: The alarm is raised when a BGP bad update packet received message is sent from CPAA against this BGP AS. This alarm is not auto cleared by CPAM.		

Table 32-94 CpamTimedLicenseExpiryNotice

Alarm	Attributes	Supported releases
Name: CpamTimedLicenseExpiryNotice (692) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: warning Implicitly cleared: false Default probable cause: timedcpamLicenseExpiryNotice (293)	Unspecified
Description: The alarm is raised when the 5650 CPAM license timer expires. The alarm information includes the license expiry date.		

Table 32-95 CpeUnreachable

Alarm	Attributes	Supported releases
Name: CpeUnreachable (525) Type: communicationsAlarm (4) Package: rtr Raised on class: rtr.StaticRoute	Severity: major Implicitly cleared: true Default probable cause: CpeUnreachable (334)	Unspecified
Description: The alarm is raised when the CPE associated with a static route is unreachable.		

Table 32-96 CreditControlInsertedFtrEntryDropped

Alarm	Attributes	Supported releases
Name: CreditControlInsertedFtrEntryDropped (1150) Type: configurationAlarm (11) Package: aclfilter Raised on class: aclfilter.FilterDefinition	Severity: warning Implicitly cleared: false Default probable cause: FilterEntryDropped (856)	Unspecified
Description: The alarm is raised when a request to insert a filter entry was not successful in Credit Control range.		

Table 32-97 CreditControlInsertSpaceThresholdAlarm

Alarm	Attributes	Supported releases
Name: CreditControlInsertSpaceThresholdAlarm (1149) Type: configurationAlarm (11) Package: aclfilter Raised on class: aclfilter.FilterDefinition	Severity: major Implicitly cleared: true Default probable cause: UtilizationExceedConfiguredLimit (855)	Unspecified
Description: The alarm is generated when the utilization of a filter entry range that was reserved for filter entry insertion increases to the configured high watermark for Credit Control application insert range.		

Table 32-98 criticalErrorAlarm

Alarm	Attributes	Supported releases
Name: criticalErrorAlarm (3681) Type: communicationsAlarm (4) Package: ltemme Raised on class: ltemme.MmeInstance	Severity: critical Implicitly cleared: false Default probable cause: MmeInternalProcessingError (1421)	Unspecified
Description: This alarm is raised when receiving critical-error message from the network element's NetConf interface. The operator must connect to the network element using its CLI interface and verify the consistency of the network element's database and configuration and then do a full node resync once the manual intervention has been completed.		

Table 32-99 CrossConnectionFail

Alarm	Attributes	Supported releases
Name: CrossConnectionFail (679) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: crossConnectionFail (494)	Unspecified
Description: The alarm is raised when an MSS TDM cross-connection fails.		

Table 32-100 DataMtReused

Alarm	Attributes	Supported releases
Name: DataMtReused (361) Type: dataMtReusedAlarm (37) Package: pim Raised on class: pim.DataMtInterface	Severity: warning Implicitly cleared: false Default probable cause: DataMtReused (258)	Unspecified
Description: The alarm is raised when a data MDT is reused.		

Table 32-101 DaughterCardConfigNotCompatible

Alarm	Attributes	Supported releases
Name: DaughterCardConfigNotCompatible (404) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.DaughterCardSlot	Severity: critical Implicitly cleared: false Default probable cause: DaughterCardConfigNotCompatible (301)	Unspecified
Description: The alarm is raised when a supported MDA is inserted into a compatible IOM slot, but the configuration on the MDA ports is not compatible with the MDA.		

Table 32-102 Degrade

Alarm	Attributes	Supported releases
Name: Degrade (622) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: degrade (462)	Unspecified
Description: The alarm is raised when a degraded signal is detected.		

Table 32-103 DemFail

Alarm	Attributes	Supported releases
Name: DemFail (680) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: demFail (495)	Unspecified
Description: The alarm is raised when an MSS demodulation function fails.		

Table 32-104 DemXpicLOS

Alarm	Attributes	Supported releases
Name: DemXpicLOS (3622) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: demXpicLos (1411)	Unspecified
Description: The alarm is raised when a loss of signal occurs on XPIC demodulation		

Table 32-105 DependentObjectDeleted

Alarm	Attributes	Supported releases
Name: DependentObjectDeleted (192) Type: configurationAlarm (11) Package: template Raised on class: template.Template	Severity: major Implicitly cleared: true Default probable cause: referencedObjectGone (151)	Unspecified
Description: The alarm is raised when an object referenced by a template cannot be found. The alarm is deprecated in the 5620 SAM, Release 6.0 and later.		
Raising condition: ('Invalid References (Reset on Save)' EQUAL 'true')		
Clearing condition: ('Invalid References (Reset on Save)' EQUAL 'false')		

Table 32-106 DfPeerDown

Alarm	Attributes	Supported releases
Name: DfPeerDown (3304) Type: EpcLIAlarm (102) Package: lteli Raised on class: lteli.DFPeer	Severity: major Implicitly cleared: true Default probable cause: DfPeerDown (1151)	Unspecified
Description: The alarm is raised on a Delivery Function that is operationally down.		
Raising condition: (('isLocal' EQUAL 'true') AND ('Operational State' NOT EQUAL 'In Service'))		
Clearing condition: NOT (('isLocal' EQUAL 'true') AND ('Operational State' NOT EQUAL 'In Service'))		

Table 32-107 DialogFailure

Alarm	Attributes	Supported releases
Name: DialogFailure (1163) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: dialogFailure (866)	Unspecified
Description: The alarm is raised when a MPT temporary communication failure occurs.		

Table 32-108 DiskCapacityProblem

Alarm	Attributes	Supported releases
Name: DiskCapacityProblem (144) Type: storageAlarm (25) Package: equipment Raised on class: equipment.FlashMemory	Severity: variable Implicitly cleared: false Default probable cause: diskCapacityProblem (115)	Unspecified
Description: The alarm is raised when a compact flash capacity threshold value on an NE is reached or exceeded. The alarm condition is detected during resynchronization or when a tnmxEqFlashDiskFull trap is received. The threshold value is not configurable. The severity of the alarm depends on the percentage of disk capacity used, as listed below: - 75 percent, Minor- 90 percent, Major- 100 percent, Critical		

Table 32-109 DryContactAlarm

Alarm	Attributes	Supported releases
Name: DryContactAlarm (460) Type: dryContactAlarm (47) Package: equipment Raised on class: equipment.DryContact	Severity: variable Implicitly cleared: false Default probable cause: dryContactExternalAlarmRaised (351)	Unspecified
Description: The alarm is raised when a device detects a dry contact alarm condition.		

Table 32-110 DS1E1Loopback

Alarm	Attributes	Supported releases
Name: DS1E1Loopback (409) Type: configurationAlarm (11) Package: tdmequipment Raised on class: tdmequipment.DS1E1ChannelSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ds1e1Loopback (305)	Unspecified
Description: The alarm is raised when an NE reports that a specific DS1 or E1 channel has a loopback alarm condition.		

Table 32-111 DS3E3Loopback

Alarm	Attributes	Supported releases
Name: DS3E3Loopback (408) Type: configurationAlarm (11) Package: tdmequipment Raised on class: tdmequipment.DS3E3ChannelSpecifics	Severity: warning Implicitly cleared: false Default probable cause: ds3e3Loopback (304)	Unspecified
Description: The alarm is raised when an NE reports that a specific DS3 or E3 channel has a loopback alarm condition.		

Table 32-112 DscPlatformLicenseKeyExpiredAlarm

Alarm	Attributes	Supported releases
Name: DscPlatformLicenseKeyExpiredAlarm (1133) Type: EpcAlarm (59) Package: lte Raised on class: lte.DynamicServicesControllerInstance	Severity: major Implicitly cleared: false Default probable cause: DscPlatformLicenseKeyExpired (841)	Unspecified
Description: The alarm is raised when the DSC platform license key is expired.		

Table 32-113 DscPlatformLicenseKeyExpiringAlarm

Alarm	Attributes	Supported releases
Name: DscPlatformLicenseKeyExpiringAlarm (1134) Type: EpcAlarm (59) Package: lte Raised on class: lte.DynamicServicesControllerInstance	Severity: minor Implicitly cleared: false Default probable cause: DscPlatformLicenseKeyExpiring (842)	Unspecified
Description: The alarm is raised when the DSC platform license key is expiring.		

Table 32-114 DscPlatformLicenseKeyHighWaterAlarm

Alarm	Attributes	Supported releases
Name: DscPlatformLicenseKeyHighWaterAlarm (1135) Type: EpcAlarm (59) Package: lte Raised on class: lte.DynamicServicesControllerInstance	Severity: minor Implicitly cleared: false Default probable cause: DscPlatformLicenseKeyHighWaterMarkCrossed (843)	Unspecified
Description: The alarm is raised when the 5780 DSC license key crosses the high watermark for a specified threshold.		

Table 32-115 DscPlatformLicenseKeyLowWaterAlarm

Alarm	Attributes	Supported releases
Name: DscPlatformLicenseKeyLowWaterAlarm (1136) Type: EpcAlarm (59) Package: lte Raised on class: lte.DynamicServicesControllerInstance	Severity: info Implicitly cleared: false Default probable cause: DscPlatformLicenseKeyLowWaterMarkCrossed (844)	Unspecified
Description: The alarm is raised when the 5780 DSC license key crosses the low watermark for a specified threshold.		

Table 32-116 DscPlatformLicenseKeyThresholdReachedAlarm

Alarm	Attributes	Supported releases
Name: DscPlatformLicenseKeyThresholdReachedAlarm (1137) Type: EpcAlarm (59) Package: lte Raised on class: lte.DynamicServicesControllerInstance	Severity: major Implicitly cleared: true Default probable cause: DscPlatformLicenseKeyThresholdReached (845)	Unspecified
Description: The alarm is raised when the 5780 DSC license key reaches a specified threshold.		

Table 32-117 DualEndedLossThresholdAlarm

Alarm	Attributes	Supported releases
Name: DualEndedLossThresholdAlarm (1195) Type: oamAlarm (18) Package: ethernetOam Raised on class: ethernetOam.Mep	Severity: minor Implicitly cleared: true Default probable cause: dualEndedLossThresholdExceeded (896)	Unspecified
Description: The alarm is raised when a MEP reports that either the Local or Remote loss ratio has exceeded the configured threshold for the specified remote MEP.		

Table 32-118 DualMaster

Alarm	Attributes	Supported releases
Name: DualMaster (420) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: false Default probable cause: dualMaster (313)	Unspecified
Description: The alarm is raised when the local and remote SRRP instances are in the master state.		

Table 32-119 DuplicateRole

Alarm	Attributes	Supported releases
Name: DuplicateRole (470) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.StackConfiguration	Severity: major Implicitly cleared: false Default probable cause: twoElementsWithSameRole (356)	Unspecified
Description: The alarm is raised when a slot has the same primary or secondary role as another slot in the stack. The slot subsequently enters pass-through mode.		

Table 32-120 DuplicateSlot

Alarm	Attributes	Supported releases
Name: DuplicateSlot (468) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.StackConfiguration	Severity: major Implicitly cleared: false Default probable cause: duplicateSlotNINumber (354)	Unspecified
Description: The alarm is raised when a slot has the same slot number as another stack element. The slot must relinquish its operational status because it has a higher election key, based on the up time, slot number, and MAC address. Both slots subsequently enter pass-through mode.		

Table 32-121 DyingGasp (equipment)

Alarm	Attributes	Supported releases
Name: DyingGasp (1164) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.CardSlot	Severity: major Implicitly cleared: false Default probable cause: dyingGaspSignal (463)	Unspecified
Description: The alarm is raised when a Dying Gasp trap is received to indicate a power failure.		

Table 32-122 DyingGasp (netw)

Alarm	Attributes	Supported releases
Name: DyingGasp (1164) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: major Implicitly cleared: false Default probable cause: dyingGasp (1423)	Unspecified
Description: The alarm is raised when a 7210 SAS node has loss of power.		

Table 32-123 DyingGaspSignal

Alarm	Attributes	Supported releases
Name: DyingGaspSignal (623) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.PhysicalPort	Severity: major Implicitly cleared: false Default probable cause: dyingGaspSignal (463)	Unspecified
Description: The alarm is raised when a Dying Gasp signal is received from a remote 7210 SAS to indicate a power loss.		
Clearing condition: ('state' EQUAL 'Link Up')		

Table 32-124 EarlyWarning

Alarm	Attributes	Supported releases
Name: EarlyWarning (681) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: warning Implicitly cleared: true Default probable cause: earlyWarning (496)	Unspecified
Description: The alarm is raised when an MSS detects an early warning event.		

Table 32-125 EcIdRxTxOrMacModified

Alarm	Attributes	Supported releases
Name: EcIdRxTxOrMacModified (802) Type: configurationAlarm (11) Package: mpr Raised on class: mpr.MprVll	Severity: minor Implicitly cleared: false Default probable cause: ecIdRxTxOrMacModified (568)	Unspecified
Description: The alarm is raised when something other than the 5620 SAM deletes a service cross-connect and creates a new service cross-connect whose MAC address, EC ID Rx, or EC ID Tx value does not match the value in the original service.		

Table 32-126 EncapsulationTypeIncompatible

Alarm	Attributes	Supported releases
Name: EncapsulationTypeIncompatible (250) Type: configurationAlarm (11) Package: vll Raised on class: vll.Vll	Severity: major Implicitly cleared: false Default probable cause: sapEncapsulationTypeIncompatible (189)	Unspecified
Description: The alarm is raised when the encapsulation types of two SAPs in the same lpipe are mismatched.		
Raising condition: ('encapsulationTypeIncompatible' EQUAL 'true')		
Clearing condition: ('encapsulationTypeIncompatible' EQUAL 'false')		

Table 32-127 EndpointActiveObjectChanged

Alarm	Attributes	Supported releases
Name: EndpointActiveObjectChanged (437) Type: redundancyAlarm (52) Package: service Raised on class: service.Endpoint	Severity: warning Implicitly cleared: false Default probable cause: RedundancySwitchover (317) Applicable probable causes: <ul style="list-style-type: none"> RedundancySwitchover ForceSwitchover 	Unspecified
Description: The alarm is raised when an automatic or manual endpoint switchover occurs.		

Table 32-128 EndpointMacLimitReached

Alarm	Attributes	Supported releases
Name: EndpointMacLimitReached (444) Type: resourceAlarm (28) Package: vpls Raised on class: vpls.Endpoint	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	Unspecified
Description: The alarm is raised when the 5620 SAM receives the svcEndpointMacLimitAlarmRaised trap from an NE, which indicates that the number of MAC addresses stored in the FDB for the endpoint exceeds the high watermark for the site FIB. The number of MAC addresses includes the static MAC addresses on the endpoint and the learned MAC addresses in the spoke SDPs that are associated with the endpoint. The alarm clears when the 5620 SAM receives the svcEndpointMacLimitAlarmCleared trap from the NE.		

Table 32-129 EPSPathDrillDownFailed

Alarm	Attributes	Supported releases
Name: EPSPathDrillDownFailed (847) Type: EpcAlarm (59) Package: lte Raised on class: lte.EPSPath	Severity: major Implicitly cleared: true Default probable cause: EPSPathDrillDownFailed (604)	Unspecified
Description: The alarm is raised when the drilldown of an EPS path fails.		
Raising condition: ('State' EQUAL 'Failed')		
Clearing condition: ('State' NOT EQUAL 'Failed')		

Table 32-130 EPSPathReferencedObjectDeleted

Alarm	Attributes	Supported releases
Name: EPSPathReferencedObjectDeleted (848) Type: EpcAlarm (59) Package: lte Raised on class: lte.EPSPathComponent	Severity: major Implicitly cleared: true Default probable cause: EPSPathReferencedObjectDeleted (605)	Unspecified
Description: The alarm is raised when a referenced object is deleted.		
Raising condition: ('componentPointer' EQUAL '\')		
Clearing condition: ('componentPointer' NOT EQUAL '\')		

Table 32-131 EquipmentFailureOfCRU

Alarm	Attributes	Supported releases
Name: EquipmentFailureOfCRU (3352) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.CardSlot	Severity: critical Implicitly cleared: true Default probable cause: SyncEqpt (1185)	Unspecified
Description: The alarm is raised when an Equipment failure of one CRU is detected.		

Table 32-132 EthernetPortCrcFailure

Alarm	Attributes	Supported releases
Name: EthernetPortCrcFailure (3629) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: ethernetPortCrcFailure (1414)	Unspecified
Description: The alarm is raised when an Ethernet port CRC alarm condition is detected (Signal Degradation Threshold or Signal Failure Threshold exceeded).		

Table 32-133 EthernetPortInternalAlarm

Alarm	Attributes	Supported releases
Name: EthernetPortInternalAlarm (3630) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.EthernetPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: ethernetPortInternalAlarm (1415)	Unspecified
Description: The alarm is raised when an Ethernet port experiences excessive internal MAC tx errors. It is generated only when downOnInternalError is enabled on the port.		

Table 32-134 EthernetTunnelDown

Alarm	Attributes	Supported releases
Name: EthernetTunnelDown (771) Type: configurationAlarm (11) Package: ethernetntunnel Raised on class: ethernetntunnel.EthernetTunnel	Severity: major Implicitly cleared: true Default probable cause: ethernetTunnelDown (547)	Unspecified
Description: The alarm is raised when the aggregated Ethernet tunnel Operational State is Down.		
Raising condition: (('aggrEndPtOperationalState' EQUAL 'Down'))		
Clearing condition: (('aggrEndPtOperationalState' NOT EQUAL 'Down'))		

Table 32-135 ExcessiveEnvironmentTemperature

Alarm	Attributes	Supported releases
Name: ExcessiveEnvironmentTemperature (1118) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: excessiveEnvironmentTemp (830)	Unspecified
Description: The alarm is raised when MPT is overheated.		

Table 32-136 ExportPolicyNotFound

Alarm	Attributes	Supported releases
Name: ExportPolicyNotFound (231) Type: configurationAlarm (11) Package: l3fwd Raised on class: l3fwd.ServiceSiteExportPolicy	Severity: major Implicitly cleared: true Default probable cause: exportPolicyDoesNotExist (179)	Unspecified
Description: The alarm is raised when a VRF export policy for a VPRN cannot be found. The alarm information includes the policy ID.		

Table 32-137 FailoverUpdateFailed

Alarm	Attributes	Supported releases
Name: FailoverUpdateFailed (1156) Type: configurationAlarm (11) Package: dhcp Raised on class: dhcp.LocalDhcpServerFailover	Severity: warning Implicitly cleared: false Default probable cause: updateFailed (859)	Unspecified
Description: The alarm is raised when the Local DHCP Server Failover update has failed.		

Table 32-138 FanRPMAlarm

Alarm	Attributes	Supported releases
Name: FanRPMAlarm (1126) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Fan	Severity: variable Implicitly cleared: false Default probable cause: fanFailure (116)	Unspecified
Description: The alarm is raised when the associated fan alarm usage state is not set to Normal.		

Table 32-139 FIBHighOccupancy

Alarm	Attributes	Supported releases
Name: FIBHighOccupancy (752) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.BaseCard	Severity: warning Implicitly cleared: true Default probable cause: FIBHighOccupancy (528)	Unspecified
Description: The alarm is raised when the FIB occupancy on an IOM card changes from normal to high.		

Table 32-140 FibOutOfSynch

Alarm	Attributes	Supported releases
Name: FibOutOfSynch (625) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: critical Implicitly cleared: true Default probable cause: fibUpdateFailed (464)	Unspecified
Description: The alarm is raised when the FIB on an MDA is out of synchronization.		

Table 32-141 FirmwareDownloadOnGoing

Alarm	Attributes	Supported releases
Name: FirmwareDownloadOnGoing (626) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: firmwareDownloadOnGoing (465)	Unspecified
Description: The alarm is raised when a firmware download is in progress.		

Table 32-142 FirmwareMismatchAlarm

Alarm	Attributes	Supported releases
Name: FirmwareMismatchAlarm (146) Type: firmwareAlarm (26) Package: equipment Raised on class: equipment.Card	Severity: critical Implicitly cleared: true Default probable cause: bootRomVersionMismatch (119) Applicable probable causes: <ul style="list-style-type: none"> bootRomVersionMismatch fpgaVersionMismatch 	Unspecified
Description: The alarm is raised when a device detects a mismatch between the firmware version and the device software image. The alarm information includes the expected firmware version.		

Table 32-143 FirmwareUpgradeAlarm

Alarm	Attributes	Supported releases
Name: FirmwareUpgradeAlarm (212) Type: firmwareAlarm (26) Package: equipment Raised on class: equipment.Card	Severity: info Implicitly cleared: false Default probable cause: firmwareUpgraded (169)	Unspecified
Description: The alarm is raised when a device automatically upgrades the firmware of a hot-inserted IOM or CPM.		

Table 32-144 firstExpirationThresholdCrossed

Alarm	Attributes	Supported releases
Name: firstExpirationThresholdCrossed (2907) Type: configurationAlarm (11) Package: ranlicense Raised on class: ranlicense.RANLicense	Severity: minor Implicitly cleared: true Default probable cause: ageingLicense (1113)	Unspecified
Description: The alarm is raised when First Expiration Threshold is crossed.		

Table 32-145 firstUsageThresholdCrossed

Alarm	Attributes	Supported releases
Name: firstUsageThresholdCrossed (2908) Type: configurationAlarm (11) Package: ranlicense Raised on class: ranlicense.RANLicense	Severity: minor Implicitly cleared: true Default probable cause: insufficientPurchasedLicenses (1114)	Unspecified
Description: The alarm is raised when First Usage Threshold is crossed.		

Table 32-146 FlowRouteInvalid

Alarm	Attributes	Supported releases
Name: FlowRouteInvalid (2932) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: minor Implicitly cleared: false Default probable cause: flowRouteInvalid (1126)	Unspecified
Description: The alarm is raised when the received BGP flow route is invalid. The BGP peer dose not create ip filter entry for the received flow route.		

Table 32-147 FlowspecUnsupportdComAction

Alarm	Attributes	Supported releases
Name: FlowspecUnsupportdComAction (2933) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Site	Severity: minor Implicitly cleared: false Default probable cause: unsupportdComAction (1127)	Unspecified
Description: The alarm is raised when the best route for a flow specification NLRI is received from a remote BGP peer with an extended community action that is unsupported.		

Table 32-148 globalLicenseViolation

Alarm	Attributes	Supported releases
Name: globalLicenseViolation (2909) Type: configurationAlarm (11) Package: ranlicense Raised on class: ranlicense.RANLicenseManager	Severity: critical Implicitly cleared: true Default probable cause: atLeastOneLicenseInViolation (1115)	Unspecified
Description: The alarm is raised when at least one License is in violation.		

Table 32-149 GneCommunicationAlarm

Alarm	Attributes	Supported releases
Name: GneCommunicationAlarm (783) Type: CommunicationAlarm (64) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		

Table 32-150 GneEnvironmentalAlarm

Alarm	Attributes	Supported releases
Name: GneEnvironmentalAlarm (784) Type: EnvironmentalAlarm (65) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		

Table 32-151 GneEquipmentAlarm

Alarm	Attributes	Supported releases
Name: GneEquipmentAlarm (785) Type: EquipmentAlarm (66) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		

Table 32-152 GneMTIEAlarm (genericne)

Alarm	Attributes	Supported releases
Name: GneMTIEAlarm (3633) Type: EquipmentAlarm (66) Package: genericne Raised on class: genericne.GenericNeInterface	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		

Table 32-153 GneMTIEAlarm (netw)

Alarm	Attributes	Supported releases
Name: GneMTIEAlarm (3633) Type: EquipmentAlarm (66) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		

Table 32-154 GneProcessingErrorAlarm

Alarm	Attributes	Supported releases
Name: GneProcessingErrorAlarm (786) Type: ProcessingErrorAlarm (67) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		

Table 32-155 GneQualityOfServiceAlarm

Alarm	Attributes	Supported releases
Name: GneQualityOfServiceAlarm (787) Type: QualityOfServiceAlarm (68) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		

Table 32-156 GneServiceAlarm

Alarm	Attributes	Supported releases
Name: GneServiceAlarm (788) Type: ServiceAlarm (69) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		

Table 32-157 GneSystemAlarm

Alarm	Attributes	Supported releases
Name: GneSystemAlarm (789) Type: SystemAlarm (70) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		

Table 32-158 GneTransportAlarm

Alarm	Attributes	Supported releases
Name: GneTransportAlarm (790) Type: TransportAlarm (71) Package: netw Raised on class: netw.NetworkElement	Severity: variable Implicitly cleared: false Default probable cause: User_Defined (558)	Unspecified
Description: This user-definable alarm is raised against a generic NE when the 5620 SAM receives a trap from the generic NE that is mapped to the alarm in a generic NE alarm catalogue. The alarm mapping defines the Probable cause, Severity, and Implicitly cleared values, and optionally contains an extension that is appended to the Name value.		

Table 32-159 GroupInSSMRange

Alarm	Attributes	Supported releases
Name: GroupInSSMRange (187) Type: configurationAlarm (11) Package: pim Raised on class: pim.Site	Severity: warning Implicitly cleared: false Default probable cause: STARGGroupInSSMRange (147)	Unspecified
Description: The alarm is raised when an NE receives a PIM register, PIM (*,G) assert, PIM (*,G) join/prune, or an IGMP local membership message for a group defined in the SSM address range.		

Table 32-160 GwAcrFailuresAlarmMajor

Alarm	Attributes	Supported releases
Name: GwAcrFailuresAlarmMajor (2955) Type: communicationsAlarm (4) Package: lte Raised on class: lte.AgwRfPeer	Severity: major Implicitly cleared: false Default probable cause: connectionDown (2)	Unspecified
Description: A tmnxMobGwAcrFailuresAlarmMajor is generated when 2 ACR transmission failures occur in a 10 second interval or 5 ACR transmission failures occur in a 60 second interval to the peer.		

Table 32-161 GwCdfDownAlarm

Alarm	Attributes	Supported releases
Name: GwCdfDownAlarm (2956) Type: communicationsAlarm (4) Package: lte Raised on class: lte.RfReferencePoint	Severity: minor Implicitly cleared: false Default probable cause: connectionDown (2)	Unspecified
Description: A tmnxMobGwCdfDownAlarm notification is generated when both the primary and the secondary Charging Data Functions (CDFs) are down for active Rf diameter sessions		

Table 32-162 GwCfCapacityAlarmMajor

Alarm	Attributes	Supported releases
Name: GwCfCapacityAlarmMajor (2957) Type: equipmentAlarm (3) Package: lte Raised on class: lte.AGWReferencePoint	Severity: major Implicitly cleared: false Default probable cause: resourceFull (53)	Unspecified
Description: A tmnxMobGwCfCapacityAlarmMajor notification is generated when compact flash capacity reaches 95% limit.		

Table 32-163 GwCfCapacityAlarmMinor

Alarm	Attributes	Supported releases
Name: GwCfCapacityAlarmMinor (2958) Type: equipmentAlarm (3) Package: lte Raised on class: lte.AGWReferencePoint	Severity: minor Implicitly cleared: false Default probable cause: resourceFull (53)	Unspecified
Description: A tmnxMobGwCfCapacityAlarmMinor notification is generated when compact flash capacity reaches 85% limit		

Table 32-164 GwGtpPriSrvGrpStateChange

Alarm	Attributes	Supported releases
Name: GwGtpPriSrvGrpStateChange (3635) Type: EpcAlarm (59) Package: lte Raised on class: lte.EPCGateway	Severity: major Implicitly cleared: true Default probable cause: GwGtpPriSrvGrpDown (1419)	Unspecified
Description: A alarm is raised when there has been a change in GPRS Tunneling Protocol (GTP) Prime Server state for all mobile system groups.		

Table 32-165 GwRadGroupFail

Alarm	Attributes	Supported releases
Name: GwRadGroupFail (3636) Type: EpcAlarm (59) Package: lte Raised on class: lte.EPCGateway	Severity: major Implicitly cleared: false Default probable cause: EPSGroupDown (1420)	Unspecified
Description: A tmnxMobGwRadGrpFailAlarm notification is generated when all the radius servers have failed in the radius server group.		

Table 32-166 GwRadPeerFail

Alarm	Attributes	Supported releases
Name: GwRadPeerFail (3682) Type: EpcAlarm (59) Package: lteradius Raised on class: lteradius.PdnRadiusPeer	Severity: major Implicitly cleared: false Default probable cause: EPSPeerDown (602)	Unspecified
Description: A tmnxMobGwRadPeerFailAlarm notification is generated when the Radius Server failure is detected.'		

Table 32-167 HardwareBootFailure

Alarm	Attributes	Supported releases
Name: HardwareBootFailure (108) Type: softwareAlarm (19) Package: sw Raised on class: sw.CardSoftware	Severity: critical Implicitly cleared: true Default probable cause: softwareBootProblemDueToHardwareIssues (92)	Unspecified
Description: The alarm is raised when an NE fails to boot because of a hardware problem.		

Table 32-168 HardwareRedundancyAlarm

Alarm	Attributes	Supported releases
Name: HardwareRedundancyAlarm (147) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.ControlProcessor	Severity: major Implicitly cleared: true Default probable cause: primaryCpmFailure (121)	Unspecified
Description: The alarm is raised when the primary CPM fails.		

Table 32-169 HashLabelMismatch (svt)

Alarm	Attributes	Supported releases
Name: HashLabelMismatch (1113) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: warning Implicitly cleared: true Default probable cause: hashLabelMismatch (826)	Unspecified
Description: The alarm is raised when an SDP binding hash label is enabled and the return SDP binding hash label is disabled. If this misconfiguration causes the mismatch of the operational hash label on both sides, the receiving site will drop the data packets as a result. This alarm is cleared when the hash label is either enabled or disabled on both sides.		

Table 32-170 HashLabelMismatch (vprn)

Alarm	Attributes	Supported releases
Name: HashLabelMismatch (1113) Type: configurationAlarm (11) Package: vprn Raised on class: vprn.Vprn	Severity: warning Implicitly cleared: true Default probable cause: hashLabelMismatch (826)	Unspecified
Description: The alarm is raised when the hash label is enabled on a VPRN site and disabled on another site in the service.		

Table 32-171 HashLabelSignalCapabilityMismatch

Alarm	Attributes	Supported releases
Name: HashLabelSignalCapabilityMismatch (3327) Type: configurationAlarm (11) Package: svt Raised on class: svt.SdpBinding	Severity: warning Implicitly cleared: true Default probable cause: hashLabelSignalCapabilityMismatch (1163)	Unspecified
Description: The alarm is raised when an SDP binding hash label signal capability is enabled and the return SDP binding hash label signal capability is disabled or not supported. If this misconfiguration causes the mismatch of the operational hash label on both sides, the receiving site will drop the data packets as a result. This alarm is cleared when the hash label signal capability is either enabled or disabled on both sides.		

Table 32-172 HighBER (radioequipment)

Alarm	Attributes	Supported releases
Name: HighBER (682) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: minor Implicitly cleared: true Default probable cause: highBER (497)	Unspecified
Description: The alarm is raised when an MSS detects a high BER.		

Table 32-173 HighLevelRoutesReached

Alarm	Attributes	Supported releases
Name: HighLevelRoutesReached (1197) Type: ProtocolAlarm (1) Package: l3fwd Raised on class: l3fwd.ServiceSite	Severity: minor Implicitly cleared: true Default probable cause: HighLevelRoutesReached (897)	Unspecified
Description: The alarm is raised when the number of routes in a VPRN exceeds the high threshold value. The high threshold value is a percentage of the maximum number of routes specified in the VPRN configuration. The percentage is derived by adding 100 to the threshold value in the VPRN configuration and dividing the result by 2. The alarm information includes the number of routes and this calculated high threshold value.		

Table 32-174 HoldTimeInconsistent

Alarm	Attributes	Supported releases
Name: HoldTimeInconsistent (810) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: major Implicitly cleared: false Default probable cause: holdTimeInconsistent (575)	Unspecified
Description: The alarm is raised when a BGP site tries to establish a peering using a hold time that is less than the configured strict hold time. The peering is rejected as a result.		

Table 32-175 HostConnectivityLostRateExceeded

Alarm	Attributes	Supported releases
Name: HostConnectivityLostRateExceeded (276) Type: communicationsAlarm (4) Package: ressubscr Raised on class: ressubscr.ShcvSite	Severity: major Implicitly cleared: false Default probable cause: hostDown (208) Applicable probable causes: <ul style="list-style-type: none"> hostDown trapDropped 	Unspecified
Description: The alarm is raised when the trapDroppedRaisesAlarm parameter is enabled and the maximum allowed number of SHCV host connectivity loss events on a SAP is exceeded. The SHCV action in response to the alarm is specified by the maxHostLostConnectivityRate parameter. If the specified action is to remove the host information, the host information is removed and the connectivity of the host is not subsequently verified.		

Table 32-176 HouseKeeping

Alarm	Attributes	Supported releases
Name: HouseKeeping (1165) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: houseKeeping (867)	Unspecified
Description: The alarm is raised when a HouseKeeping trap is received.		

Table 32-177 IgmpSnpgGrpDroppedLimitExceeded (svt)

Alarm	Attributes	Supported releases
Name: IgmpSnpgGrpDroppedLimitExceeded (392) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBindingIgmpSnpgCfg	Severity: warning Implicitly cleared: false Default probable cause: igmpSnpgGrpMaxNbrGrpsReached (292)	Unspecified
Description: The alarm is raised when an IGMP group is removed from an SDP binding because the number of allowed IGMP groups specified by sdpBndIgmpSnpgCfgMaxNbrGrps is reached.		

Table 32-178 IgmpSnpgGrpDroppedLimitExceeded (vpls)

Alarm	Attributes	Supported releases
Name: IgmpSnpgGrpDroppedLimitExceeded (392) Type: AccessInterfaceAlarm (32) Package: vpls Raised on class: vpls.L2AccessInterfaceIgmpSnpgCfg	Severity: warning Implicitly cleared: false Default probable cause: igmpSnpgGrpMaxNbrGrpsReached (292)	Unspecified
Description: The alarm is raised when an IGMP group is removed from a SAP because the number of allowed IGMP groups specified by sapIgmpSnpgCfgMaxNbrGrps is reached.		

Table 32-179 IgmpSnpgSrcDroppedLimitExceeded (svt)

Alarm	Attributes	Supported releases
Name: IgmpSnpgSrcDroppedLimitExceeded (735) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBindingIgmpSnpgCfg	Severity: warning Implicitly cleared: false Default probable cause: igmpSnpgGrpMaxNbrSrcsReached (512)	Unspecified
Description: The alarm is raised when an IGMP source is removed from an SDP binding because the number of allowed IGMP sources specified by sdpBndIgmpSnpgCfgMaxNbrSrcs is reached.		

Table 32-180 IgmpSnpgSrcDroppedLimitExceeded (vpls)

Alarm	Attributes	Supported releases
Name: IgmpSnpgSrcDroppedLimitExceeded (735) Type: AccessInterfaceAlarm (32) Package: vpls Raised on class: vpls.L2AccessInterfaceIgmpSnpgCfg	Severity: warning Implicitly cleared: false Default probable cause: igmpSnpgGrpMaxNbrSrcsReached (512)	Unspecified
Description: The alarm is raised when an IGMP source is removed from a SAP because the number of allowed IGMP sources specified by sapIgmpSnpgCfgMaxNbrGrps is reached.		

Table 32-181 ignoreUnknownImportedLicenses

Alarm	Attributes	Supported releases
Name: ignoreUnknownImportedLicenses (2910) Type: configurationAlarm (11) Package: ranlicense Raised on class: ranlicense.RANLicenseManager	Severity: major Implicitly cleared: true Default probable cause: licenseMappingFileNotAlignedWithImportedFile (1116)	Unspecified
Description: The alarm is raised when imported licenses are not known (compared to the mapping license file) by the system.		

Table 32-182 ImportPolicyNotFound

Alarm	Attributes	Supported releases
Name: ImportPolicyNotFound (232) Type: configurationAlarm (11) Package: l3fwd Raised on class: l3fwd.ServiceSiteImportPolicy	Severity: major Implicitly cleared: true Default probable cause: importPolicyDoesNotExist (180)	Unspecified
Description: The alarm is raised when a VRF import policy for a VPRN cannot be found. The alarm information includes the policy ID.		

Table 32-183 IncompatibleCapacity

Alarm	Attributes	Supported releases
Name: IncompatibleCapacity (1166) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: incompatibleCapacity (868)	Unspecified
Description: The alarm is raised when there is an incompatibility in radio capacity.		

Table 32-184 IncompatibleChannelSpacing

Alarm	Attributes	Supported releases
Name: IncompatibleChannelSpacing (1167) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: incompatibleChannelSpacing (869)	Unspecified
Description: The alarm is raised when there is a compatibility problem in channel spacing.		

Table 32-185 IncompatibleFrequency

Alarm	Attributes	Supported releases
Name: IncompatibleFrequency (683) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: incompatibleFrequency (498)	Unspecified
Description: The alarm is raised when a provisioned MSS frequency is incompatible with the MSS hardware.		

Table 32-186 IncompatibleModulationParam

Alarm	Attributes	Supported releases
Name: IncompatibleModulationParam (1144) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: minor Implicitly cleared: true Default probable cause: incompatibleModulation (850)	Unspecified
Description: The alarm is raised when a receiver protection switchover fails.		

Table 32-187 IncompatiblePTX

Alarm	Attributes	Supported releases
Name: IncompatiblePTX (684) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: incompatiblePTX (499)	Unspecified
Description: The alarm is raised when the provisioned MSS transmit power is incompatible with the MSS hardware.		

Table 32-188 IncompatibleShifter

Alarm	Attributes	Supported releases
Name: IncompatibleShifter (685) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: incompatibleShifter (500)	Unspecified
Description: The alarm is raised when the provisioned MSS shifter parameters are incompatible with the MSS hardware.		

Table 32-189 InstanceIdMismatch

Alarm	Attributes	Supported releases
Name: InstanceIdMismatch (416) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: false Default probable cause: instanceIdMismatch (309)	Unspecified
Description: The alarm is raised when a local SRRP SAP is backed up by a different SRRP instance on a remote peer.		

Table 32-190 InSufficientBandwidth

Alarm	Attributes	Supported releases
Name: InSufficientBandwidth (745) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.VlanPathInstance	Severity: major Implicitly cleared: true Default probable cause: inSufficientBandwidth (521)	Unspecified
Description: The alarm is raised when there is insufficient bandwidth on a radio link between hops in a service.		

Table 32-191 InterfaceDbDescriptAuthFailure

Alarm	Attributes	Supported releases
Name: InterfaceDbDescriptAuthFailure (46) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> authTypeMismatch authFailure 	Unspecified
Description: The alarm is raised when an NE receives a dbDescript packet on a non-virtual interface from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-192 InterfaceDbDescriptConfig

Alarm	Attributes	Supported releases
Name: InterfaceDbDescriptConfig (40) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> badVersion areaMismatch unknownNbmaNbr unknownVirtualNbr netMaskMismatch helloIntervalMismatch deadIntervalMismatch optionMismatch mtuMismatch noError duplicateRouterId ifTypeMismatch nullRouterId ifAdminDown ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a dbDescript packet on a non-virtual interface from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-193 InterfaceHelloAuthFailure

Alarm	Attributes	Supported releases
Name: InterfaceHelloAuthFailure (45) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> authTypeMismatch authFailure 	Unspecified
Description: The alarm is raised when an NE receives a hello packet on a non-virtual interface from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-194 InterfaceHelloConfig

Alarm	Attributes	Supported releases
Name: InterfaceHelloConfig (39) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifTypeMismatch • nullRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a hello packet on a non-virtual interface from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-195 InterfaceLsAckAuthFailure

Alarm	Attributes	Supported releases
Name: InterfaceLsAckAuthFailure (49) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives an lsAck packet on a non-virtual interface from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-196 InterfaceLsAckConfig

Alarm	Attributes	Supported releases
Name: InterfaceLsAckConfig (43) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifTypeMismatch • nullRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an lsAck packet on a non-virtual interface from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-197 InterfaceLsReqAuthFailure

Alarm	Attributes	Supported releases
Name: InterfaceLsReqAuthFailure (47) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives an lsReq packet on a non-virtual interface from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-198 InterfaceLsReqConfig

Alarm	Attributes	Supported releases
Name: InterfaceLsReqConfig (41) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifTypeMismatch • nullRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an lsReq packet on a non-virtual interface from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-199 InterfaceLsUpdateAuthFailure

Alarm	Attributes	Supported releases
Name: InterfaceLsUpdateAuthFailure (48) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives an lsUpdate packet on a non-virtual interface from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-200 InterfaceLsUpdateConfig

Alarm	Attributes	Supported releases
Name: InterfaceLsUpdateConfig (42) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifTypeMismatch • nullRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an lsUpdate packet on a non-virtual interface from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-201 InterfaceNullPacketAuthFailure

Alarm	Attributes	Supported releases
Name: InterfaceNullPacketAuthFailure (50) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives a null packet on a non-virtual interface from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-202 InterfaceNullPacketConfig

Alarm	Attributes	Supported releases
Name: InterfaceNullPacketConfig (44) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifTypeMismatch • nullRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a null packet on a non-virtual interface from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-203 InterfaceRxBadPacket

Alarm	Attributes	Supported releases
Name: InterfaceRxBadPacket (51) Type: communicationsAlarm (4) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: hello (47) Applicable probable causes: <ul style="list-style-type: none"> • hello • dbDescript • lsReq • lsUpdate • lsAck • nullPacket 	Unspecified
Description: The alarm is raised when an NE cannot parse an OSPF packet that it receives on a non-virtual interface.		

Table 32-204 InternalCommunicationProblem

Alarm	Attributes	Supported releases
Name: InternalCommunicationProblem (627) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: internalCommunicationProblem (466)	Unspecified
Description: The alarm is raised when an ODU is unresponsive.		

Table 32-205 InvalidJoinPrune

Alarm	Attributes	Supported releases
Name: InvalidJoinPrune (185) Type: communicationsAlarm (4) Package: pim Raised on class: pim.Site	Severity: warning Implicitly cleared: false Default probable cause: InvalidJoinPruneReceived (145)	Unspecified
Description: The alarm is raised when the RP address in a Join Prune message is not the RP for the group specified in the message.		

Table 32-206 InvalidRegister

Alarm	Attributes	Supported releases
Name: InvalidRegister (186) Type: communicationsAlarm (4) Package: pim Raised on class: pim.Site	Severity: warning Implicitly cleared: false Default probable cause: InvalidJoinRegisterReceived (146)	Unspecified
Description: The alarm is raised when the RP address in a Register message is not the RP for the group specified in the message.		

Table 32-207 invalidRPLoopbackInterfaceConfig

Alarm	Attributes	Supported releases
Name: invalidRPLoopbackInterfaceConfig (269) Type: configurationAlarm (11) Package: pim Raised on class: pim.VirtualAnyCastRP	Severity: warning Implicitly cleared: true Default probable cause: invalidRPLoopbackIfConfig (201)	Unspecified
Description: The alarm is raised when an RP loopback interface configuration is invalid.		

Table 32-208 IpAddressOverlap

Alarm	Attributes	Supported releases
Name: IpAddressOverlap (3318) Type: configurationAlarm (11) Package: rtr Raised on class: rtr.VirtualRouterIpAddress	Severity: warning Implicitly cleared: true Default probable cause: IpAddressOverlap (1157)	Unspecified
Description: The alarm is raised when the IP addresses configured on different VPRN sites within same VPRN service overlap.		

Table 32-209 IPListMismatch

Alarm	Attributes	Supported releases
Name: IPListMismatch (282) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: warning Implicitly cleared: true Default probable cause: nonMatchingBackupAddressList (214)	Unspecified
Description: The alarm is raised when the IP address list in an advertisement message from the current master does not match the configured IP address list.		

Table 32-210 IpPathDown

Alarm	Attributes	Supported releases
Name: IpPathDown (1916) Type: topologyAlarm (34) Package: monpath Raised on class: monpath.MonitoredIpPath	Severity: major Implicitly cleared: true Default probable cause: ipPathDown (918)	Unspecified
Description: This alarm is raised when the re-calculation by the CPAA shows that no IP Path is available.		

Table 32-211 IpPathMonitorFailedRetryThresholdCrossed

Alarm	Attributes	Supported releases
Name: IpPathMonitorFailedRetryThresholdCrossed (400) Type: topologyAlarm (34) Package: monpath Raised on class: monpath.MonitoredIpPath	Severity: major Implicitly cleared: true Default probable cause: ipPathCouldNotBeDetermined (299)	Unspecified
Description: The alarm is raised when the 5650 CPAM cannot set up an IP path monitor after the number of attempts specified by the cpamManagedRoute problematicThresholdAlarmAfter value in the nms-server.xml file. The alarm is raised if the cpamManagedRoute problematicRetryStrategy value in nms-server.xml is set to countdown. The default problematicRetryStrategy value of reactive prevents the alarm from being raised.		

Table 32-212 IpPathMonitorRetryAttemptsExhausted

Alarm	Attributes	Supported releases
Name: IpPathMonitorRetryAttemptsExhausted (401) Type: topologyAlarm (34) Package: monpath Raised on class: monpath.MonitoredIpPath	Severity: major Implicitly cleared: false Default probable cause: ipPathCouldNotBeDetermined (299)	Unspecified
Description: The alarm is raised when the 5650 CPAM stops trying to set up an IP path monitor after the number of attempts specified by the cpamManagedRoute problematicDeadAfter value in the nms-server.xml file. The alarm is raised if the cpamManagedRoute problematicRetryStrategy value in nms-server.xml is set to countdown. The default problematicRetryStrategy value of reactive prevents the alarm from being raised.		

Table 32-213 IpPathMulticastWarning

Alarm	Attributes	Supported releases
Name: IpPathMulticastWarning (1917) Type: topologyAlarm (34) Package: monpath Raised on class: monpath.MonitoredIpPath	Severity: major Implicitly cleared: true Default probable cause: IpPathSegmentNotMulticastEnabled (919)	Unspecified
Description: If IP Path is enabled for monitoring Multicast, the alarm is raised when at least one IP Path segment is not Multicast enabled. The alarm is cleared when all the segments are Multicast enabled.		

Table 32-214 IPsecInterfaceBfdSessionDown

Alarm	Attributes	Supported releases
Name: IPsecInterfaceBfdSessionDown (3324) Type: bfdSessionAlarm (46) Package: service Raised on class: service.IPsecInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionDown (346)	Unspecified
Description: The alarm is raised when a BFD session is operationally down.		

Table 32-215 IPsecInterfaceBfdSessionMissing

Alarm	Attributes	Supported releases
Name: IPsecInterfaceBfdSessionMissing (3325) Type: bfdSessionAlarm (46) Package: service Raised on class: service.IPsecInterface	Severity: warning Implicitly cleared: true Default probable cause: bfdSessionMissing (345)	Unspecified
Description: The alarm is raised when a previously present BFD session is absent.		

Table 32-216 IsaAaGrpBitRate

Alarm	Attributes	Supported releases
Name: IsaAaGrpBitRate (2948) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: false Default probable cause: isaAaGrpBitRate (1143)	Unspecified
Description: The alarm is raised when the current bit rate on the MDA in the ISA-AA group is greater than or equal to tmnxBsxBitRateHighWatermark and the prior rate was less than this threshold.		

Table 32-217 IsaAaGrpCapCostThres

Alarm	Attributes	Supported releases
Name: IsaAaGrpCapCostThres (835) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroupMember	Severity: warning Implicitly cleared: false Default probable cause: IsaAaGrpCapCostThres (595)	Unspecified
Description: The alarm is raised when the capacity cost for an MDA in an ISA-AA group reaches the configured threshold.		

Table 32-218 IsaAaGrpFailure

Alarm	Attributes	Supported releases
Name: IsaAaGrpFailure (564) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: false Default probable cause: isaAaGrpFailure (434)	Unspecified
Description: The alarm is raised when an ISA-AA Group has no configured primary MDA or the number of active MDAs is not equal to the number of configured primary MDAs.		

Table 32-219 IsaAaGrpFlowFull

Alarm	Attributes	Supported releases
Name: IsaAaGrpFlowFull (566) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: false Default probable cause: isaAaGrpFlowFull (436)	Unspecified
Description: The alarm is raised when an ISA-AA group uses a greater number of flow records than the value specified by tmnxBsxFlowFullHighWatermark.		

Table 32-220 IsaAaGrpFlowSetup

Alarm	Attributes	Supported releases
Name: IsaAaGrpFlowSetup (2949) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: false Default probable cause: isaAaGrpFlowSetup (1144)	Unspecified
Description: The alarm is raised when the current flow setup rate on the MDA in the ISA-AA group is greater than or equal to tmnxBsxFlowSetupHighWatermark and the prior rate was less than this threshold.		

Table 32-221 IsaAaGrpFmSbWaSBufOvld

Alarm	Attributes	Supported releases
Name: IsaAaGrpFmSbWaSBufOvld (2950) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroupMember	Severity: warning Implicitly cleared: true Default probable cause: IsaAaGrpFmSbWaSBufOvld (1145)	Unspecified
Description: The alarm is raised when the current weighted average shared buffer use for an ISA in the from subscriber direction is greater than or equal to a high water mark after being in a normal, non-overloaded, state.		

Table 32-222 IsaAaGrpNonRedundant

Alarm	Attributes	Supported releases
Name: IsaAaGrpNonRedundant (565) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: false Default probable cause: isaAaGrpNonRedundant (435)	Unspecified
Description: The alarm is raised when an ISA-AA Group has a configured backup MDA but there is no standby MDA available.		

Table 32-223 IsaAaGrpOvrldCutthru

Alarm	Attributes	Supported releases
Name: IsaAaGrpOvrldCutthru (2951) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroupMember	Severity: warning Implicitly cleared: true Default probable cause: IsaAaGrpOvrldCutthru (1146)	Unspecified
Description: The alarm is raised when cut through processing starts on an ISA MDA.		

Table 32-224 IsaAaGrpPacketRate

Alarm	Attributes	Supported releases
Name: IsaAaGrpPacketRate (2952) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: false Default probable cause: isaAaGrpPacketRate (1147)	Unspecified
Description: The alarm is raised when the current packet rate on the MDA in the ISA-AA group is greater than or equal to tmnxBsxBsxPacketRateHighWatermark and the prior rate was less than this threshold.		

Table 32-225 IsaAaGrpSwitchover

Alarm	Attributes	Supported releases
Name: IsaAaGrpSwitchover (567) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroup	Severity: warning Implicitly cleared: false Default probable cause: isaAaGrpSwitchover (437)	Unspecified
Description: The alarm is raised when an ISA-AA group experiences an activity switch from one ISA-AA to another.		

Table 32-226 IsaAaGrpToSbWaSBufOvld

Alarm	Attributes	Supported releases
Name: IsaAaGrpToSbWaSBufOvld (2953) Type: equipmentAlarm (3) Package: isa Raised on class: isa.AaGroupMember	Severity: warning Implicitly cleared: true Default probable cause: IsaAaGrpToSbWaSBufOvld (1148)	Unspecified
Description: The alarm is raised when the current weighted average shared buffer use for an ISA in the to subscriber direction is greater than or equal to a high water mark after being in a normal, non-overloaded, state.		

Table 32-227 IsisAreaMismatch

Alarm	Attributes	Supported releases
Name: IsisAreaMismatch (156) Type: configurationAlarm (11) Package: isis Raised on class: isis.Site	Severity: warning Implicitly cleared: true Default probable cause: areaTypeMisconfigured (34)	Unspecified
Description: The alarm is raised when IS-IS receives a Hello PDU from an IS with which it does not share an area address.		

Table 32-228 IsisAuthFailure

Alarm	Attributes	Supported releases
Name: IsisAuthFailure (155) Type: authenticationAlarm (14) Package: isis Raised on class: isis.Site	Severity: warning Implicitly cleared: false Default probable cause: authFailure (46)	Unspecified
Description: The alarm is raised when IS-IS receives a PDU that contains incorrect authentication information.		

Table 32-229 IsisAuthTypeFailure

Alarm	Attributes	Supported releases
Name: IsisAuthTypeFailure (154) Type: authenticationAlarm (14) Package: isis Raised on class: isis.Site	Severity: warning Implicitly cleared: true Default probable cause: authFailure (46)	Unspecified
Description: The alarm is raised when IS-IS receives a PDU that contains the wrong authentication type.		

Table 32-230 IsisExportLimitDropped

Alarm	Attributes	Supported releases
Name: IsisExportLimitDropped (838) Type: configurationAlarm (11) Package: isis Raised on class: isis.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitDropped (598)	Unspecified
Description: The alarm is raised when the number of routes exported from the route table to an IS-IS level drops below the Export Limit value for the level.		

Table 32-231 IsisExportLimitReached

Alarm	Attributes	Supported releases
Name: IsisExportLimitReached (839) Type: configurationAlarm (11) Package: isis Raised on class: isis.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitReached (599)	Unspecified
Description: The alarm is raised when the number of routes exported from the route table to an IS-IS level is equal to the Export Limit value for the level.		

Table 32-232 IsisExportLimitWarning

Alarm	Attributes	Supported releases
Name: IsisExportLimitWarning (840) Type: configurationAlarm (11) Package: isis Raised on class: isis.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitWarning (600)	Unspecified
Description: The alarm is raised when the number of routes exported from the route table to an IS-IS level is equal to the Export Limit percentage specified by the Export Limit Log Percent value.		

Table 32-233 IsisLspRateThresholdExceeded

Alarm	Attributes	Supported releases
Name: IsisLspRateThresholdExceeded (376) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: unstableIGPNetwork (241)	Unspecified
Description: The alarm is raised when the IS-IS LSP rate exceeds the maximum allowed value because of an unstable IGP network.		

Table 32-234 IsisLspThresholdExceeded

Alarm	Attributes	Supported releases
Name: IsisLspThresholdExceeded (375) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: largeIGPNetwork (276)	Unspecified
Description: The alarm is raised when the number of IS-IS LSPs exceeds the maximum allowed value because of a large IGP network.		

Table 32-235 IsisManualAddressDrops

Alarm	Attributes	Supported releases
Name: IsisManualAddressDrops (157) Type: configurationAlarm (11) Package: isis Raised on class: isis.Site	Severity: warning Implicitly cleared: false Default probable cause: noError (44)	Unspecified
Description: The alarm is raised when a manual area address assigned to an IS is ignored during a route computation.		

Table 32-236 IsisReachabilityThresholdExceeded

Alarm	Attributes	Supported releases
Name: IsisReachabilityThresholdExceeded (377) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: manyExternalLSAsFloodingIntoIGP (271)	Unspecified
Description: The alarm is raised when the IS-IS reachability value exceeds the maximum allowed value because too many external LSAs are flooding the IGP.		

Table 32-237 IsisRejectedAdjacency

Alarm	Attributes	Supported releases
Name: IsisRejectedAdjacency (214) Type: adjacencyAlarm (31) Package: isis Raised on class: isis.Interface	Severity: minor Implicitly cleared: true Default probable cause: interfaceMismatch (170)	Unspecified
Description: The alarm is raised when the 5620 SAM receives a vRtrIsisRejectedAdjacency trap, which indicates that an adjacency cannot be established in response to a Hello PDU from an IS because of a lack of resources.		

Table 32-238 JMSServerMemoryLow

Alarm	Attributes	Supported releases
Name: JMSServerMemoryLow (3693) Type: communicationsAlarm (4) Package: security Raised on class: security.User	Severity: major Implicitly cleared: false Default probable cause: jmsMessageQueueBacklog (1432)	Unspecified
Description: This alarm is raised when the JMS server is low in available memory. This is probably caused by SAM GUI clients or OSS clients having a large backlog of events on the JMS server. If available memory continues to decrease, the client with the largest backlog will be removed by the server. Please see the Additional Text field to identify the client with the largest backlog.		

Table 32-239 LanFailure

Alarm	Attributes	Supported releases
Name: LanFailure (628) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: lanFailure (467)	Unspecified
Description: The alarm is raised when a LAN failure is detected.		

Table 32-240 LastHopIncorrectLabelAction

Alarm	Attributes	Supported releases
Name: LastHopIncorrectLabelAction (352) Type: configurationAlarm (11) Package: mpls Raised on class: mpls.StaticLsp	Severity: warning Implicitly cleared: true Default probable cause: LabelActionIsNotPopOnLastHop (254)	Unspecified
Description: The alarm is raised when the label action specified for the last hop in a static LSP is not a pop action.		

Table 32-241 LastHopNotMatchingDestination

Alarm	Attributes	Supported releases
Name: LastHopNotMatchingDestination (351) Type: configurationAlarm (11) Package: mpls Raised on class: mpls.StaticLsp	Severity: warning Implicitly cleared: true Default probable cause: LastHopNotMatchingDestination (253)	Unspecified
Description: The alarm is raised when the last hop in a static LSP is not the destination.		

Table 32-242 LCD

Alarm	Attributes	Supported releases
Name: LCD (803) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.IMALink	Severity: major Implicitly cleared: true Default probable cause: lossOfCellDelineation (569)	Unspecified
Description: The alarm is raised when a Loss of Cell Delineation signal is detected on an ASAP MDA.		

Table 32-243 LdpInterfaceDown

Alarm	Attributes	Supported releases
Name: LdpInterfaceDown (21) Type: ProtocolAlarm (1) Package: ldp Raised on class: ldp.Interface	Severity: critical Implicitly cleared: false Default probable cause: protocolDown (1)	Unspecified
Description: The alarm is raised when an LDP interface is operationally down.		

Table 32-244 Licensed3RouterLimitExceeded

Alarm	Attributes	Supported releases
Name: Licensed3RouterLimitExceeded (694) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: true Default probable cause: cpamLicensedLimitExceeded (285)	Unspecified
Description: The alarm is raised when the number of third-party routers in the 5650 CPAM network reaches 100 percent of the license capacity.		
Raising condition: ('isLicensed3RouterLimitExceeded' EQUAL 'true')		
Clearing condition: ('isLicensed3RouterLimitExceeded' NOT EQUAL 'true')		

Table 32-245 Licensed3RouterLimitNearing

Alarm	Attributes	Supported releases
Name: Licensed3RouterLimitNearing (695) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: warning Implicitly cleared: true Default probable cause: cpamLicensedLimitNearing (283)	Unspecified
Description: The alarm is raised when the number of third-party routers in the 5650 CPAM network reaches 75 to 90 percent of the license capacity.		

Table 32-246 Licensed3RouterLimitNearlyExceeded

Alarm	Attributes	Supported releases
Name: Licensed3RouterLimitNearlyExceeded (696) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: major Implicitly cleared: true Default probable cause: cpamLicensedLimitNearlyExceeded (284)	Unspecified
Description: The alarm is raised when the number of third-party routers in the 5650 CPAM network reaches 90 to 100 percent of the license capacity.		

Table 32-247 LicensedBigRouterLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedBigRouterLimitExceeded (709) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: true Default probable cause: cpamLicensedLimitExceeded (285)	Unspecified
Description: The alarm is raised when the number of Alcatel-Lucent large routers in the network reaches 100 percent of the 5650 CPAM license capacity.		
Raising condition: ('isLicensedBigRouterLimitExceeded' EQUAL 'true')		
Clearing condition: ('isLicensedBigRouterLimitExceeded' NOT EQUAL 'true')		

Table 32-248 LicensedBigRouterLimitNearing

Alarm	Attributes	Supported releases
Name: LicensedBigRouterLimitNearing (710) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: warning Implicitly cleared: true Default probable cause: cpamLicensedLimitNearing (283)	Unspecified
Description: The alarm is raised when the number of Alcatel-Lucent large routers in the network reaches 75 to 90 percent of the 5650 CPAM license capacity.		

Table 32-249 LicensedBigRouterLimitNearlyExceeded

Alarm	Attributes	Supported releases
Name: LicensedBigRouterLimitNearlyExceeded (711) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: major Implicitly cleared: true Default probable cause: cpamLicensedLimitNearlyExceeded (284)	Unspecified
Description: The alarm is raised when the number of Alcatel-Lucent large routers in the network reaches 90 to 100 percent of the 5650 CPAM license capacity.		

Table 32-250 LicensedCpaaLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedCpaaLimitExceeded (389) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: true Default probable cause: cpamLicensedLimitExceeded (285)	Unspecified
Description: The alarm is raised when the number of 7701 CPAA's in the network reaches 100 percent of the license capacity.		
Raising condition: ('isLicensedCpaaLimitExceeded' EQUAL 'true')		
Clearing condition: ('isLicensedCpaaLimitExceeded' NOT EQUAL 'true')		

Table 32-251 LicensedCpaaLimitNearing

Alarm	Attributes	Supported releases
Name: LicensedCpaaLimitNearing (390) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: warning Implicitly cleared: true Default probable cause: cpamLicensedLimitNearing (283)	Unspecified
Description: The alarm is raised when the number of 7701 CPAA's in the network reaches 75 to 90 percent of the license capacity.		

Table 32-252 LicensedCpaaLimitNearlyExceeded

Alarm	Attributes	Supported releases
Name: LicensedCpaaLimitNearlyExceeded (391) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: major Implicitly cleared: true Default probable cause: cpamLicensedLimitNearlyExceeded (284)	Unspecified
Description: The alarm is raised when the number of 7701 CPAA's in the network reaches 90 to 100 percent of the license capacity.		

Table 32-253 LicensedImpactAnalysisRouterLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedImpactAnalysisRouterLimitExceeded (712) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicenseScenario	Severity: critical Implicitly cleared: true Default probable cause: cpamLicensedLimitExceeded (285)	Unspecified
Description: The alarm is raised when the number of routers in a simulation scenario reaches 100 percent of the license capacity.		
Raising condition: ('isLicensedRouterLimitExceeded' EQUAL 'true')		
Clearing condition: ('isLicensedRouterLimitExceeded' NOT EQUAL 'true')		

Table 32-254 LicensedImpactAnalysisRouterLimitNearing

Alarm	Attributes	Supported releases
Name: LicensedImpactAnalysisRouterLimitNearing (713) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicenseScenario	Severity: warning Implicitly cleared: true Default probable cause: cpamLicensedLimitNearing (283)	Unspecified
Description: The alarm is raised when the number of routers in a simulation scenario reaches 75 to 90 percent of the license capacity.		

Table 32-255 LicensedImpactAnalysisRouterLimitNearlyExceeded

Alarm	Attributes	Supported releases
Name: LicensedImpactAnalysisRouterLimitNearlyExceeded (714) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicenseScenario	Severity: major Implicitly cleared: true Default probable cause: cpamLicensedLimitNearlyExceeded (284)	Unspecified
Description: The alarm is raised when the number of routers in a simulation scenario reaches 90 to 100 percent of the license capacity.		

Table 32-256 LicensedIpPathLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedIpPathLimitExceeded (715) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: true Default probable cause: cpamLicensedLimitExceeded (285)	Unspecified
Description: The alarm is raised when the number of IP path monitors in the 5650 CPAM reaches 100 percent of the license capacity.		
Raising condition: ('isLicensedIpPathLimitExceeded' EQUAL 'true')		
Clearing condition: ('isLicensedIpPathLimitExceeded' NOT EQUAL 'true')		

Table 32-257 LicensedIpPathLimitNearing

Alarm	Attributes	Supported releases
Name: LicensedIpPathLimitNearing (716) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: warning Implicitly cleared: true Default probable cause: cpamLicensedLimitNearing (283)	Unspecified
Description: The alarm is raised when the number of IP path monitors in the 5650 CPAM reaches 75 to 90 percent of the license capacity.		

Table 32-258 LicensedIpPathLimitNearlyExceeded

Alarm	Attributes	Supported releases
Name: LicensedIpPathLimitNearlyExceeded (717) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: major Implicitly cleared: true Default probable cause: cpamLicensedLimitNearlyExceeded (284)	Unspecified
Description: The alarm is raised when the number of IP path monitors in the 5650 CPAM reaches 90 to 100 percent of the license capacity.		

Table 32-259 LicensedMcRouterLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedMcRouterLimitExceeded (718) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: true Default probable cause: cpamLicensedLimitExceeded (285)	Unspecified
Description: The alarm is raised when the number of multicast routers in the 5650 CPAM reaches 100 percent of the license capacity.		
Raising condition: ('isLicensedMcRouterLimitExceeded' EQUAL 'true')		
Clearing condition: ('isLicensedMcRouterLimitExceeded' NOT EQUAL 'true')		

Table 32-260 LicensedMcRouterLimitNearing

Alarm	Attributes	Supported releases
Name: LicensedMcRouterLimitNearing (719) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: warning Implicitly cleared: true Default probable cause: cpamLicensedLimitNearing (283)	Unspecified
Description: The alarm is raised when the number of multicast routers in the 5650 CPAM reaches 75 to 90 percent of the license capacity.		

Table 32-261 LicensedMcRouterLimitNearlyExceeded

Alarm	Attributes	Supported releases
Name: LicensedMcRouterLimitNearlyExceeded (720) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: major Implicitly cleared: true Default probable cause: cpamLicensedLimitNearlyExceeded (284)	Unspecified
Description: The alarm is raised when the number of multicast routers in the 5650 CPAM reaches 90 to 100 percent of the license capacity.		

Table 32-262 LicensedSmallRouterLimitExceeded

Alarm	Attributes	Supported releases
Name: LicensedSmallRouterLimitExceeded (727) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: true Default probable cause: cpamLicensedLimitExceeded (285)	Unspecified
Description: The alarm is raised when the number of Alcatel-Lucent small routers in the network reaches 100 percent of the 5650 CPAM license capacity.		
Raising condition: ('isLicensedSmallRouterLimitExceeded' EQUAL 'true')		

Table 32-263 LicensedSmallRouterLimitNearing

Alarm	Attributes	Supported releases
Name: LicensedSmallRouterLimitNearing (728) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: warning Implicitly cleared: true Default probable cause: cpamLicensedLimitNearing (283)	Unspecified
Description: The alarm is raised when the number of Alcatel-Lucent small routers in the network reaches 75 to 90 percent of the 5650 CPAM license capacity.		

Table 32-264 LicensedSmallRouterLimitNearlyExceeded

Alarm	Attributes	Supported releases
Name: LicensedSmallRouterLimitNearlyExceeded (729) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: major Implicitly cleared: true Default probable cause: cpamLicensedLimitNearlyExceeded (284)	Unspecified
Description: The alarm is raised when the number of Alcatel-Lucent small routers in the network reaches 90 to 100 percent of the 5650 CPAM license capacity.		

Table 32-265 licenseExpiration

Alarm	Attributes	Supported releases
Name: licenseExpiration (2911) Type: configurationAlarm (11) Package: ranlicense Raised on class: ranlicense.RANLicense	Severity: variable Implicitly cleared: true Default probable cause: licenseExpired (1117)	Unspecified
Description: The alarm is raised when License is expired. Severity is critical if license is used else it is major.		

Table 32-266 LicenseMisMatch

Alarm	Attributes	Supported releases
Name: LicenseMisMatch (693) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: false Default probable cause: cpamLicenseMisMatch (507)	Unspecified
Description: The alarm is raised when the primary 5650 CPAM server license does not match the standby 5650 CPAM server license.		

Table 32-267 licenseViolation

Alarm	Attributes	Supported releases
Name: licenseViolation (2912) Type: configurationAlarm (11) Package: ranlicense Raised on class: ranlicense.RANLicense	Severity: critical Implicitly cleared: true Default probable cause: noMoreTokens (1118)	Unspecified
Description: The alarm is raised when License is in violation because no more tokens are available.		

Table 32-268 liDestinationChangeReject

Alarm	Attributes	Supported releases
Name: liDestinationChangeReject (551) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMirrorSiteCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorDestinationChangeReject (421)	Unspecified
Description: The alarm is raised when an operator tries to modify a mirror destination that is in use by an LI mirror.		

Table 32-269 liDestinationEnabled

Alarm	Attributes	Supported releases
Name: liDestinationEnabled (550) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMirrorSiteCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorDestinationEnabled (420)	Unspecified
Description: The alarm is raised when a mirror destination Operational State changes from Down to Up.		

Table 32-270 LIF

Alarm	Attributes	Supported releases
Name: LIF (804) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.IMALink	Severity: major Implicitly cleared: true Default probable cause: lossOfIMAFRAME (570)	Unspecified
Description: The alarm is raised when a Loss of IMA Frame signal is detected on an ASAP MDA.		

Table 32-271 liFilterAssignToltfWarn

Alarm	Attributes	Supported releases
Name: liFilterAssignToltfWarn (556) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMirrorSiteCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorFilterAssignToltfWarn (426)	Unspecified
Description: The alarm is raised when an operator tries to assign a filter that is in use by LI to an interface.		

Table 32-272 liFilterAssignToSapWarn

Alarm	Attributes	Supported releases
Name: liFilterAssignToSapWarn (554) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMirrorSiteCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorFilterAssignToSapWarn (424)	Unspecified
Description: The alarm is raised when an operator tries to assign a filter that is in use by LI to a SAP.		

Table 32-273 liFilterAssignToSdpWarn

Alarm	Attributes	Supported releases
Name: liFilterAssignToSdpWarn (555) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMirrorSiteCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorFilterAssignToSdpWarn (425)	Unspecified
Description: The alarm is raised when an operator tries to assign a filter that is in use by LI to an SDP.		

Table 32-274 LinkAggMemberMisconfigured

Alarm	Attributes	Supported releases
Name: LinkAggMemberMisconfigured (652) Type: lnkaggAlarm (56) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagMemberMisconfigured (483)	Unspecified
Description: The alarm is raised when one or more misconfigured LAG members are detected, for example, when some LAG members are in access mode and some are in network mode.		

Table 32-275 LinkAggModeMisconfigured

Alarm	Attributes	Supported releases
Name: LinkAggModeMisconfigured (653) Type: lnkaggAlarm (56) Package: lag Raised on class: lag.Interface	Severity: critical Implicitly cleared: true Default probable cause: lagModeMisconfigured (484)	Unspecified
Description: The alarm is raised when the LAG mode differs from the mode of one or more LAG members, for example, when the LAG mode is access and the LAG members are in network mode.		

Table 32-276 LinkAggPortJoin

Alarm	Attributes	Supported releases
Name: LinkAggPortJoin (654) Type: lnkaggAlarm (56) Package: lag Raised on class: lag.Interface	Severity: info Implicitly cleared: false Default probable cause: lagPortJoin (485)	Unspecified
Description: The alarm is raised when a LAG port joins a LAG by entering the attached state.		

Table 32-277 LinkAggPortLeave

Alarm	Attributes	Supported releases
Name: LinkAggPortLeave (655) Type: lnkaggAlarm (56) Package: lag Raised on class: lag.Interface	Severity: info Implicitly cleared: false Default probable cause: lagPortLeave (486)	Unspecified
Description: The alarm is raised when a LAG port leaves a LAG by exiting the attached state.		

Table 32-278 LinkAggPortRemove

Alarm	Attributes	Supported releases
Name: LinkAggPortRemove (656) Type: lnkaggAlarm (56) Package: lag Raised on class: lag.Interface	Severity: warning Implicitly cleared: false Default probable cause: lagPortRemove (487)	Unspecified
Description: The alarm is raised when a LAG port is removed from a LAG because of an invalid configuration.		

Table 32-279 LinkIdentifierMismatch

Alarm	Attributes	Supported releases
Name: LinkIdentifierMismatch (686) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: linkIdentifierMismatch (501)	Unspecified
Description: The alarm is raised when an MSS detects a link identifier mismatch.		

Table 32-280 liSourceDisabled

Alarm	Attributes	Supported releases
Name: liSourceDisabled (563) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LISourceCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceDisabled (433)	Unspecified
Description: The alarm is raised when an LI mirror source Operational State changes from Up to Down.		

Table 32-281 liSourceEnabled

Alarm	Attributes	Supported releases
Name: liSourceEnabled (562) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LISourceCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceEnabled (432)	Unspecified
Description: The alarm is raised when an LI mirror source Operational State changes from Down to Up.		

Table 32-282 liSourceFilterAssignReject

Alarm	Attributes	Supported releases
Name: liSourceFilterAssignReject (557) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMgmtSite	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceFilterAssignReject (427)	Unspecified
Description: The alarm is raised when an operator tries to modify a filter that is in use by LI.		

Table 32-283 liSourceFilterAssignWarn

Alarm	Attributes	Supported releases
Name: liSourceFilterAssignWarn (559) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMgmtSite	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceFilterAssignWarn (429)	Unspecified
Description: The alarm is raised when an operator assigns a mirror filter that is in use by LI and the assignment may be overruled.		

Table 32-284 liSourceFilterChanged

Alarm	Attributes	Supported releases
Name: liSourceFilterChanged (3313) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMgmtSite	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceLiFilterChanged (1152)	Unspecified
Description: The alarm is raised when a parameter of a filter which is referenced by Lawful Intercept (LI), or a parameter of one of its entry has been changed. This notification may be triggered only if LI filter lock has been overruled, and one of the following actions has been done: 1) a filter referenced by LI has been deleted. 2) one of the parameters (default-action, scope) of a filter which is referenced by LI has been changed. 3) a filter which is referenced by LI has been overwritten. 4) new entry has been created for a filter which is referenced by LI. 5) an entry of a filter which is referenced by LI has been activated. 6) an entry has been removed from a filter which is referenced by LI. 7) an entry of a filter which is referenced by LI has been renumbered. 8) one of the parameters of an entry in a filter which is referenced by LI has been changed.		

Table 32-285 liSourceFilterOverruled

Alarm	Attributes	Supported releases
Name: liSourceFilterOverruled (558) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMgmtSite	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceFilterOverruled (428)	Unspecified
Description: The alarm is raised when the assignment of a mirror filter is overruled by another filter assignment.		

Table 32-286 liSourceIPFltrChangeReject

Alarm	Attributes	Supported releases
Name: liSourceIPFltrChangeReject (552) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMirrorSiteCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceIPFltrChangeReject (422)	Unspecified
Description: The alarm is raised when an operator tries to modify an IP filter or an IP filter entry that is in use by LI.		

Table 32-287 liSourceMacFltrChangeReject

Alarm	Attributes	Supported releases
Name: liSourceMacFltrChangeReject (553) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LIMirrorSiteCfg	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceMacFltrChangeReject (423)	Unspecified
Description: The alarm is raised when an operator tries to modify a MAC filter or a MAC filter entry that is in use by LI.		

Table 32-288 liSourceSapChange

Alarm	Attributes	Supported releases
Name: liSourceSapChange (560) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LISourceInterface	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceSapChange (430)	Unspecified
Description: The alarm is raised when a SAP that is associated with LI is modified or deleted.		

Table 32-289 liSourceSubscriberChange

Alarm	Attributes	Supported releases
Name: liSourceSubscriberChange (561) Type: ConfigurationAlarm (15) Package: mirrorli Raised on class: mirrorli.LISourceSubscriberHost	Severity: warning Implicitly cleared: false Default probable cause: tMirrorSourceSubChange (431)	Unspecified
Description: The alarm is raised when a subscriber that is associated with LI is modified or deleted.		

Table 32-290 LODS

Alarm	Attributes	Supported releases
Name: LODS (805) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.IMALink	Severity: major Implicitly cleared: true Default probable cause: lossOfDelaySynchronization (571)	Unspecified
Description: The alarm is raised when a Loss of Delay Synchronization signal is detected on an ASAP MDA.		

Table 32-291 LogLocFailure

Alarm	Attributes	Supported releases
Name: LogLocFailure (340) Type: storageAlarm (25) Package: file Raised on class: file.Policy	Severity: variable Implicitly cleared: false Default probable cause: AdminLocFailure (244) Applicable probable causes: <ul style="list-style-type: none"> AdminLocFailure BackupLocFailure 	Unspecified
Description: The alarm is raised when an attempt to create a log or billing file fails. The probable cause is AdminLocFailure when using the admin location fails, in which case the backup location, if specified, is used. The probable cause is BackupLocFailure when using the backup location fails.		

Table 32-292 LoopProblem

Alarm	Attributes	Supported releases
Name: LoopProblem (1145) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: minor Implicitly cleared: true Default probable cause: loopProblem (851)	Unspecified
Description: The alarm is raised when a receiver protection switchover fails.		

Table 32-293 LossOfAlignment

Alarm	Attributes	Supported releases
Name: LossOfAlignment (629) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: lossOfAlignment (468)	Unspecified
Description: The alarm is raised when a Loss of Alignment signal is detected.		

Table 32-294 LossOfCESoEthFrames

Alarm	Attributes	Supported releases
Name: LossOfCESoEthFrames (1168) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: lossOfCESoEthFrames (870)	Unspecified
Description: The alarm is raised when a loss occurs on CES over Ethernet Frames.		

Table 32-295 LossOfESMC

Alarm	Attributes	Supported releases
Name: LossOfESMC (2939) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: lossOfESMC (1131)	Unspecified
Description: The alarm is raised when an loss of ESMC signal failure occurs.		

Table 32-296 LossOfFrame

Alarm	Attributes	Supported releases
Name: LossOfFrame (630) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: lossOfFrame (97)	Unspecified
Description: The alarm is raised when a port receives a Loss Of Frame signal.		

Table 32-297 LossOfPointer

Alarm	Attributes	Supported releases
Name: LossOfPointer (3623) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: lossOfPointer (612)	Unspecified
Description: The alarm is raised when a loss of pointer occurs		

Table 32-298 LossOfProtection (equipment)

Alarm	Attributes	Supported releases
Name: LossOfProtection (1169) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: lossOfProtection (871)	Unspecified
Description: The alarm is raised when a protection loss occurs on MPT Radio.		

Table 32-299 LossOfProtection (mpr)

Alarm	Attributes	Supported releases
Name: LossOfProtection (1169) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.VlanPathInstance	Severity: variable Implicitly cleared: true Default probable cause: lossOfProtection (871)	Unspecified
Description: The alarm is raised when a Loss of Protection occurs		

Table 32-300 LossOfSignal

Alarm	Attributes	Supported releases
Name: LossOfSignal (631) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	Unspecified
Description: The alarm is raised when a Loss of Signal is detected on a port.		

Table 32-301 LpsLearnMac

Alarm	Attributes	Supported releases
Name: LpsLearnMac (519) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LearnedPortSecurity	Severity: warning Implicitly cleared: true Default probable cause: portLearnedBridgedMAC (394)	Unspecified
Description: The alarm is raised when an LPS port learns a bridged MAC address.		

Table 32-302 LpsPortUpAfterLearningWindowExpired

Alarm	Attributes	Supported releases
Name: LpsPortUpAfterLearningWindowExpired (517) Type: learnedPortSecurityAlarm (51) Package: lps Raised on class: lps.LPSConfiguration	Severity: warning Implicitly cleared: true Default probable cause: portUpAfterLearningWindowExpired (392)	Unspecified
Description: The alarm is raised in the following situations: - when an LPS port joins or is enabled after the learning window expires and MAC address learning on the port is disabled- when the learning window expires with slice and port values of 0		

Table 32-303 LsdbOverflow

Alarm	Attributes	Supported releases
Name: LsdbOverflow (53) Type: equipmentAlarm (3) Package: ospf Raised on class: ospf.Site	Severity: major Implicitly cleared: false Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the number of received external LSAs exceeds the configured number allowed. By default, there is no limit. The alarm information includes the configured LSDB limit and one of the following LSDB overflow states: - 0, which means no overflow- 1, which means nearing limit- 2, which means limit exceeded		

Table 32-304 MacPinningViolation

Alarm	Attributes	Supported releases
Name: MacPinningViolation (443) Type: serviceAlarm (16) Package: vpls Raised on class: vpls.AbstractSite	Severity: warning Implicitly cleared: false Default probable cause: macAddressPinned (348)	Unspecified
Description: The alarm is raised when an attempt is made to assign a pinned MAC address to another L2 access interface or spoke SDP binding in an M-VPLS or VPLS.		

Table 32-305 ManagedRouteFailedRetryThresholdCrossed

Alarm	Attributes	Supported releases
Name: ManagedRouteFailedRetryThresholdCrossed (397) Type: topologyAlarm (34) Package: topology Raised on class: topology.RouteManager	Severity: major Implicitly cleared: true Default probable cause: managedRouteCouldNotBeSetup (298)	Unspecified
Description: The alarm is raised when the 5650 CPAM cannot set up a managed route after the number of attempts specified by the cpamManagedRoute problematicThresholdAlarmAfter value in the nms-server.xml file. The alarm is raised if the cpamManagedRoute problematicRetryStrategy value in nms-server.xml is set to countdown. The alarm is not raised if the problematicRetryStrategy value is set to the default of reactive.		

Table 32-306 ManagedRouteRetryAttemptsExhausted

Alarm	Attributes	Supported releases
Name: ManagedRouteRetryAttemptsExhausted (398) Type: topologyAlarm (34) Package: topology Raised on class: topology.RouteManager	Severity: major Implicitly cleared: false Default probable cause: managedRouteCouldNotBeSetup (298)	Unspecified
Description: The alarm is raised when the 5650 CPAM stops trying to set up a managed route after the number of attempts specified by the cpamManagedRoute problematicDeadAfter value in the nms-server.xml file. The alarm is raised if the cpamManagedRoute problematicRetryStrategy value in nms-server.xml is set to countdown. The alarm is not raised if the problematicRetryStrategy value is set to the default value of reactive.		

Table 32-307 ManagementAccessFilterMisconfigured

Alarm	Attributes	Supported releases
Name: ManagementAccessFilterMisconfigured (76) Type: configurationAlarm (11) Package: sitesec Raised on classes: <ul style="list-style-type: none"> • sitesec.MacMafEntry • sitesec.MafEntry 	Severity: warning Implicitly cleared: true Default probable cause: invalidSourcePortIdentifier (61)	Unspecified
Description: The alarm is raised when a MAF is misconfigured.		
Raising condition: ('isValidSourcePortName' EQUAL 'false')		
Clearing condition: ('isValidSourcePortName' EQUAL 'true')		

Table 32-308 ManagementAccessFilterMisconfiguredIpv6

Alarm	Attributes	Supported releases
Name: ManagementAccessFilterMisconfiguredIpv6 (1112) Type: configurationAlarm (11) Package: sitesec Raised on class: sitesec.MafIPv6Entry	Severity: warning Implicitly cleared: true Default probable cause: invalidSourcePortIdentifier (61)	Unspecified
Description: The alarm is raised when an IPv6 MAF is misconfigured.		
Raising condition: ('isValidSourcePortName' EQUAL 'false')		
Clearing condition: ('isValidSourcePortName' EQUAL 'true')		

Table 32-309 ManagementVlanConflict

Alarm	Attributes	Supported releases
Name: ManagementVlanConflict (215) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Vlan	Severity: warning Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	Unspecified
Description: The alarm is raised when a management VLAN ID is in use by another service type.		
Raising condition: ('managementVlanConflict' EQUAL 'true')		
Clearing condition: ('managementVlanConflict' EQUAL 'false')		

Table 32-310 MaxExecutingScripts

Alarm	Attributes	Supported releases
Name: MaxExecutingScripts (3686) Type: serverAlarm (94) Package: script Raised on class: script.AbstractScript	Severity: major Implicitly cleared: false Default probable cause: maxExecutingScripts (1425)	Unspecified
Description: The alarm is raised when the maximum number of scripts allowed to execute has exceeded (possible scheduling issue).		

Table 32-311 MaxNumExportRoutesReached

Alarm	Attributes	Supported releases
Name: MaxNumExportRoutesReached (1116) Type: ProtocolAlarm (1) Package: vprn Raised on class: vprn.Site	Severity: minor Implicitly cleared: true Default probable cause: MaxNumExportRoutesReached (828)	Unspecified
Description: The alarm is raised when the number of routes exported from a route table to a VRF reaches the configured maximum.		

Table 32-312 MaxNumIpv6RoutesReached

Alarm	Attributes	Supported releases
Name: MaxNumIpv6RoutesReached (505) Type: ProtocolAlarm (1) Package: l3fwd Raised on class: l3fwd.ServiceSite	Severity: major Implicitly cleared: true Default probable cause: MaxNumIpv6RouteReached (389)	Unspecified
Description: The alarm is raised when the number of IPv6 routes in a VPRN exceeds the configured maximum.		

Table 32-313 MaxNumMcastRoutes

Alarm	Attributes	Supported releases
Name: MaxNumMcastRoutes (206) Type: ProtocolAlarm (1) Package: l3fwd Raised on class: l3fwd.Site	Severity: major Implicitly cleared: true Default probable cause: MaxNumMcastRoutesReached (160)	Unspecified
Description: The alarm is raised when the number of multicast routes in a VPRN exceeds the configured maximum.		

Table 32-314 MaxNumRoutesReached

Alarm	Attributes	Supported releases
Name: MaxNumRoutesReached (1198) Type: ProtocolAlarm (1) Package: l3fwd Raised on class: l3fwd.ServiceSite	Severity: major Implicitly cleared: false Default probable cause: MaxNumRoutesReached (898)	Unspecified
Description: The alarm is raised when the number of routes in a VPRN reaches the maximum number of routes specified in the VPRN configuration. The alarm information includes the number of routes, the specified maximum, and the route type, which is either IPv4 or IPv6.		

Table 32-315 McacPolicyDropped (igmp)

Alarm	Attributes	Supported releases
Name: McacPolicyDropped (341) Type: communicationsAlarm (4) Package: igmp Raised on class: igmp.Interface	Severity: major Implicitly cleared: false Default probable cause: igmpGroupOnSapDropped (246)	Unspecified
Description: The alarm is raised when an IGMP group is dropped because a multicast CAC policy is applied.		

Table 32-316 McacPolicyDropped (pim)

Alarm	Attributes	Supported releases
Name: McacPolicyDropped (341) Type: communicationsAlarm (4) Package: pim Raised on class: pim.Interface	Severity: major Implicitly cleared: false Default probable cause: pimGroupOnSapDropped (266)	Unspecified
Description: The alarm is raised when a PIM group is dropped because a multicast CAC policy is applied.		

Table 32-317 McacPolicyDropped (svt)

Alarm	Attributes	Supported releases
Name: McacPolicyDropped (341) Type: communicationsAlarm (4) Package: svt Raised on class: svt.SdpBindingIgmPsnpgCfg	Severity: major Implicitly cleared: false Default probable cause: igmpGroupOnSdpBindDropped (265)	Unspecified
Description: The alarm is raised when an IGMP group is dropped because a multicast CAC policy is applied to an SDP binding.		

Table 32-318 McacPolicyDropped (vpls)

Alarm	Attributes	Supported releases
Name: McacPolicyDropped (341) Type: communicationsAlarm (4) Package: vpls Raised on class: vpls.L2AccessInterfaceIgmPsnpgCfg	Severity: major Implicitly cleared: false Default probable cause: igmpGroupOnSapDropped (246)	Unspecified
Description: The alarm is raised when an IGMP group is removed from a SAP because a multicast CAC policy is applied.		

Table 32-319 McastRoutesMidLevelThresholdReached

Alarm	Attributes	Supported releases
Name: McastRoutesMidLevelThresholdReached (207) Type: ProtocolAlarm (1) Package: l3fwd Raised on class: l3fwd.Site	Severity: minor Implicitly cleared: false Default probable cause: MidLevelThresholdReached (161)	Unspecified
Description: The alarm is raised when the number of multicast routes in a VPRN exceeds the configured threshold value. The alarm information includes the number of multicast routes and the threshold value.		

Table 32-320 McPathBlackHole

Alarm	Attributes	Supported releases
Name: McPathBlackHole (2940) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.DaughterCard	Severity: critical Implicitly cleared: true Default probable cause: resourceLimitReached (131)	Unspecified
Description: The alarm is raised when a source, group(S,G) goes into a black-hole state.		

Table 32-321 MD5AuthFailure

Alarm	Attributes	Supported releases
Name: MD5AuthFailure (2934) Type: communicationsAlarm (4) Package: bgp Raised on class: bgp.Md5Key	Severity: major Implicitly cleared: false Default probable cause: md5AuthFailure (1128)	Unspecified
Description: The alarm is raised when an incoming packet is dropped because of BGP MD5 key authentication failure.		

Table 32-322 MFibTableSizeLimitReached

Alarm	Attributes	Supported releases
Name: MFibTableSizeLimitReached (190) Type: resourceAlarm (28) Package: vpls Raised on classes: <ul style="list-style-type: none"> vpls.AbstractBSite vpls.AbstractTlsSite 	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	Unspecified
Description: The alarm is raised when the 5620 SAM receives a svcTlsMfibTableFullAlarmRaised trap for a VPLS site. The alarm clears when the 5620 SAM receives a svcTlsMfibTableFullAlarmCleared trap for the site.		

Table 32-323 MidLevelIPv6RoutesReached

Alarm	Attributes	Supported releases
Name: MidLevelIPv6RoutesReached (506) Type: ProtocolAlarm (1) Package: l3fwd Raised on class: l3fwd.ServiceSite	Severity: minor Implicitly cleared: false Default probable cause: MidLevelIPv6RoutesReached (390)	Unspecified
Description: The alarm is raised when the number of IPv6 routes in a VPRN exceeds the configured threshold value. The alarm information includes the number of IPv6 routes and the threshold value.		

Table 32-324 MidLevelRoutesReached

Alarm	Attributes	Supported releases
Name: MidLevelRoutesReached (1199) Type: ProtocolAlarm (1) Package: l3fwd Raised on class: l3fwd.ServiceSite	Severity: minor Implicitly cleared: false Default probable cause: MidLevelRoutesReached (899)	Unspecified
Description: The alarm is raised when the number of routes in a VPRN exceeds the threshold specified in the VPRN configuration. The threshold value is a percentage of the maximum number of routes specified in the VPRN configuration. The alarm information includes the number of routes and the threshold value.		

Table 32-325 MirrorDestinationMisconfigured

Alarm	Attributes	Supported releases
Name: MirrorDestinationMisconfigured (209) Type: configurationAlarm (11) Package: mirror Raised on class: mirror.Mirror	Severity: major Implicitly cleared: true Default probable cause: mirrorDestinationMisconfigured (162)	Unspecified
Description: The alarm is raised when multiple destination SAPs are configured for a service mirror.		
Raising condition: ('destinationMisconfigured' EQUAL 'true')		
Clearing condition: ('destinationMisconfigured' EQUAL 'false')		

Table 32-326 MirrorEncapsulationTypeInconsistent

Alarm	Attributes	Supported releases
Name: MirrorEncapsulationTypeInconsistent (217) Type: configurationAlarm (11) Package: mirror Raised on class: mirror.Mirror	Severity: major Implicitly cleared: true Default probable cause: mirrorEncapsulationTypeInconsistent (171)	Unspecified
Description: The alarm is raised when the encapsulation types of the source and destination mirror sites differ.		
Raising condition: ('encapsulationTypeInconsistent' EQUAL 'true')		
Clearing condition: ('encapsulationTypeInconsistent' EQUAL 'false')		

Table 32-327 MisconfiguredInflow

Alarm	Attributes	Supported releases
Name: MisconfiguredInflow (1067) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.VlanPathInstance	Severity: major Implicitly cleared: true Default probable cause: misconfiguredInflow (809)	Unspecified
Description: The alarm is raised when the ports in a service use different inflow clock sources.		

Table 32-328 mismatchAnyCastRPTypes

Alarm	Attributes	Supported releases
Name: mismatchAnyCastRPTypes (270) Type: configurationAlarm (11) Package: pim Raised on class: pim.AnyCastRP	Severity: warning Implicitly cleared: false Default probable cause: mismatchAnyCastRPTypes (202)	Unspecified
Description: The alarm is raised when there is an anycast RP type mismatch.		

Table 32-329 mismatchBackupAddress

Alarm	Attributes	Supported releases
Name: mismatchBackupAddress (279) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.VRInstance	Severity: minor Implicitly cleared: false Default probable cause: mismatchBackupAddress (212)	Unspecified
Description: The alarm is raised when two VR instances in a VR have different backup addresses.		

Table 32-330 mismatchSubnets

Alarm	Attributes	Supported releases
Name: mismatchSubnets (280) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.VRInstance	Severity: major Implicitly cleared: true Default probable cause: mismatchSubnets (213)	Unspecified
Description: The alarm is raised when two VR Instances in a VR have backup addresses that are in different subnets.		

Table 32-331 mismatchVrrpTypes

Alarm	Attributes	Supported releases
Name: mismatchVrrpTypes (278) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.VRInstance	Severity: minor Implicitly cleared: true Default probable cause: mismatchVrrpTypes (211)	Unspecified
Description: The alarm is raised when two VR instances in a VR are of different types, for example, when one VR instance type is Network and the other is IES.		
Raising condition: (('VRRP Type' NOT EQUAL 'VRRP Type'))		
Clearing condition: (('VRRP Type' EQUAL 'VRRP Type'))		

Table 32-332 MissingHopConfiguration

Alarm	Attributes	Supported releases
Name: MissingHopConfiguration (350) Type: configurationAlarm (11) Package: mpls Raised on class: mpls.StaticLsp	Severity: warning Implicitly cleared: true Default probable cause: MissingHopConfiguration (252)	Unspecified
Description: The alarm is raised when a static LSP is created without hops.		

Table 32-333 missingStaticRPConfigurations

Alarm	Attributes	Supported releases
Name: missingStaticRPConfigurations (268) Type: configurationAlarm (11) Package: pim Raised on class: pim.VirtualAnyCastRP	Severity: warning Implicitly cleared: true Default probable cause: missingStaticRPConfigurations (200)	Unspecified
Description: The alarm is raised when a static RP configuration is missing.		

Table 32-334 MldSnpgGrpDroppedLimitExceeded

Alarm	Attributes	Supported releases
Name: MldSnpgGrpDroppedLimitExceeded (537) Type: AccessInterfaceAlarm (32) Package: vpls Raised on class: vpls.L2AccessInterfaceMldSnpgCfg	Severity: warning Implicitly cleared: false Default probable cause: mldSnpgGrpMaxNbrGrpsReached (406)	Unspecified
Description: The alarm is raised when a SAP drops an MLD group because the configurable maximum number of MLD groups on the SAP is reached.		

Table 32-335 MobGwSysGrpWriteCdrToCfAlarm

Alarm	Attributes	Supported releases
Name: MobGwSysGrpWriteCdrToCfAlarm (3634) Type: MgGroupAlarm (75) Package: isa Raised on class: isa.MglSaGroup	Severity: major Implicitly cleared: true Default probable cause: MobGwSysGrpWriteCdrToCfStop (1418)	Unspecified
Description: The alarm is raised when the SGW or PGW starts to write Charging Data Record (CDR) packets to the local compact flash for the mobile system group.		

Table 32-336 ModFail

Alarm	Attributes	Supported releases
Name: ModFail (1171) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: modFail (872)	Unspecified
Description: The alarm is raised when a modulation failure occurs.		

Table 32-337 ModLOS

Alarm	Attributes	Supported releases
Name: ModLOS (1172) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: modLOS (873)	Unspecified
Description: The alarm is raised when a loss of signal in modulation occurs.		

Table 32-338 ModuleOutOfMemory

Alarm	Attributes	Supported releases
Name: ModuleOutOfMemory (180) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: critical Implicitly cleared: false Default probable cause: outOfMemory (142)	Unspecified
Description: The alarm is raised when the available NE memory is insufficient for allocation to a task.		

Table 32-339 MplsResignalTimerExpired

Alarm	Attributes	Supported releases
Name: MplsResignalTimerExpired (1121) Type: ProtocolAlarm (1) Package: mpls Raised on class: mpls.Site	Severity: info Implicitly cleared: false Default probable cause: resignalTimerExpired (833)	Unspecified
Description: The alarm is raised when an MPLS instance resignal timer expires.		

Table 32-340 MprVllDown

Alarm	Attributes	Supported releases
Name: MprVllDown (1139) Type: serviceDown (88) Package: mpr Raised on class: mpr.MprVll	Severity: major Implicitly cleared: true Default probable cause: vlanPathInstanceDown (524)	Unspecified
Description: The alarm is raised when the Operational State of a VLAN path instance is Down, for example, because of one of the following conditions:- The radio link is down.- A cross connect is deleted.- The Operational State of one or more ports in the cross connect is Down.		

Table 32-341 MPTPowerSupplyFailure

Alarm	Attributes	Supported releases
Name: MPTPowerSupplyFailure (1170) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: powerSupplyFailure (117)	Unspecified
Description: The alarm is raised when a power supply failure occurs on MPT Radio Power Source.		

Table 32-342 msapCreationFailure

Alarm	Attributes	Supported releases
Name: msapCreationFailure (740) Type: ConfigurationAlarm (15) Package: vpls Raised on class: vpls.L2AccessInterface	Severity: warning Implicitly cleared: false Default probable cause: creationFailure (515) Applicable probable causes: <ul style="list-style-type: none"> creationFailure radiusAuthFailed 	Unspecified
Description: The alarm is raised when an NE notifies the 5620 SAM that it cannot create an MSAP.		

Table 32-343 MsdpActSrcLimExcd

Alarm	Attributes	Supported releases
Name: MsdpActSrcLimExcd (380) Type: communicationsAlarm (4) Package: msdp Raised on class: msdp.Site	Severity: warning Implicitly cleared: false Default probable cause: MsdpActiveSourcesLimitExceeded (279)	Unspecified
Description: The alarm is raised when an MSDP site receives a number of source active messages that exceeds the configured maximum.		

Table 32-344 MsdpGroupSrcActMsgsExcd

Alarm	Attributes	Supported releases
Name: MsdpGroupSrcActMsgsExcd (378) Type: communicationsAlarm (4) Package: msdp Raised on class: msdp.PeerGroup	Severity: warning Implicitly cleared: false Default probable cause: MsdpGroupActiveSourcesLimitExceeded (277)	Unspecified
Description: The alarm is raised when an MSDP group receives a number of source active messages that exceeds the configured maximum.		

Table 32-345 MsdpPeerActSrcLimExcd

Alarm	Attributes	Supported releases
Name: MsdpPeerActSrcLimExcd (379) Type: communicationsAlarm (4) Package: msdp Raised on classes: <ul style="list-style-type: none"> msdp.GroupPeer msdp.Peer 	Severity: warning Implicitly cleared: false Default probable cause: MsdpPeerActiveSourcesLimitExceeded (278)	Unspecified
Description: The alarm is raised when an MSDP peer receives a number of source active messages that exceeds the configured maximum.		

Table 32-346 MsdpRPFFailure

Alarm	Attributes	Supported releases
Name: MsdpRPFFailure (354) Type: communicationsAlarm (4) Package: msdp Raised on class: msdp.Site	Severity: warning Implicitly cleared: false Default probable cause: MsdpRPFFailure (275)	Unspecified
Description: The alarm is raised when an MSDP site experiences an RPF failure.		

Table 32-347 MsdpSourceSrcActMsgsExcd

Alarm	Attributes	Supported releases
Name: MsdpSourceSrcActMsgsExcd (381) Type: communicationsAlarm (4) Package: msdp Raised on class: msdp.Source	Severity: warning Implicitly cleared: false Default probable cause: MsdpSourceActiveSourcesLimitExceeded (280)	Unspecified
Description: The alarm is raised when an MSDP source receives a number of source active messages that exceeds the configured maximum.		

Table 32-348 MsPwFecMisConfig

Alarm	Attributes	Supported releases
Name: MsPwFecMisConfig (3691) Type: serviceAlarm (16) Package: svt Raised on class: svt.SpokeSdpFec	Severity: major Implicitly cleared: true Default probable cause: msPwFecMisConfig (1430)	Unspecified
Description: The alarm is raised when there is mis-configuration discovered between two signalling multi-segment pseudo-wires. The following misconfiguration would cause this notification:- Both multi-segment pseudo-wires are configured to be master. [EFFECT] Communication between the multi-segment pseudo-wires will fail. [RECOVERY] Mis-configuration between the two multi-segment pseudo-wire needs to be corrected.		
Clearing condition: ('Administrative State' EQUAL 'Up')		

Table 32-349 MsPwFecRetryExpired

Alarm	Attributes	Supported releases
Name: MsPwFecRetryExpired (3694) Type: serviceAlarm (16) Package: svt Raised on class: svt.SpokeSdpFec	Severity: minor Implicitly cleared: true Default probable cause: msPwFecRetryExpired (1433)	Unspecified
Description: The alarm is raised when a trap is received because of retry expired. It will be cleared when the retry starts again.		
Raising condition: ('Retry Expired' EQUAL 'true')		
Clearing condition: ('Retry Expired' EQUAL 'false')		

Table 32-350 MultipleOwners

Alarm	Attributes	Supported releases
Name: MultipleOwners (283) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.AbstractInstance	Severity: major Implicitly cleared: false Default probable cause: multipleOwnersConfigured (215)	Unspecified
Description: The alarm is raised when an owner VR instance detects another instance that advertises itself as an owner.		

Table 32-351 multipleRPLowner

Alarm	Attributes	Supported releases
Name: multipleRPLowner (2946) Type: configurationAlarm (11) Package: ethring Raised on class: ethring.Element	Severity: major Implicitly cleared: false Default probable cause: multiplerpl (1135)	Unspecified
Description: The alarm is raised on RPL elements which are all configured as RPL owners if there are multiple RPL Owners detected in the ring topology.		

Table 32-352 MVPNDuplicateVrfPolicy

Alarm	Attributes	Supported releases
Name: MVPNDuplicateVrfPolicy (649) Type: configurationAlarm (11) Package: l3fwd Raised on classes: <ul style="list-style-type: none"> l3fwd.ServiceSiteMVPNImportPolicy l3fwd.ServiceSiteMVPNExportPolicy 	Severity: warning Implicitly cleared: true Default probable cause: duplicateVrfPolicyExists (177)	Unspecified
Description: The alarm is raised when the 5620 SAM detects a duplicate VRF policy in a multicast VPRN. The alarm information includes the VRF policy ID and type, and information about the service site.		

Table 32-353 MVPNExportPolicyNotFound

Alarm	Attributes	Supported releases
Name: MVPNExportPolicyNotFound (650) Type: configurationAlarm (11) Package: l3fwd Raised on class: l3fwd.ServiceSiteMVPNExportPolicy	Severity: major Implicitly cleared: true Default probable cause: exportPolicyDoesNotExist (179)	Unspecified
Description: The alarm is raised when a VRF export policy for a multicast VPRN cannot be found. The alarm information includes the policy ID.		

Table 32-354 MVPNImportPolicyNotFound

Alarm	Attributes	Supported releases
Name: MVPNImportPolicyNotFound (651) Type: configurationAlarm (11) Package: l3fwd Raised on class: l3fwd.ServiceSiteMVPNImportPolicy	Severity: major Implicitly cleared: true Default probable cause: importPolicyDoesNotExist (180)	Unspecified
Description: The alarm is raised when a VRF import policy for a multicast VPRN cannot be found. The alarm information includes the policy ID.		

Table 32-355 NatIsaMemberSessionUsageHigh

Alarm	Attributes	Supported releases
Name: NatIsaMemberSessionUsageHigh (1070) Type: equipmentAlarm (3) Package: nat Raised on class: nat.IsaMda	Severity: major Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the session usage of an ISA-NAT group member reaches the high watermark. The alarm clears when the session usage reaches the low watermark.		

Table 32-356 NatL2AwSublcmpPortUsageHigh

Alarm	Attributes	Supported releases
Name: NatL2AwSublcmpPortUsageHigh (1086) Type: equipmentAlarm (3) Package: ressubscr Raised on class: ressubscr.ResidentialSubscriberInstance	Severity: major Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the ICMP port usage of an L2-aware NAT subscriber reaches the high or low watermark.		

Table 32-357 NatL2AwSubSessionUsageHigh

Alarm	Attributes	Supported releases
Name: NatL2AwSubSessionUsageHigh (1087) Type: equipmentAlarm (3) Package: ressubscr Raised on class: ressubscr.ResidentialSubscriberInstance	Severity: major Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the session usage of an L2-aware NAT subscriber reaches the high or low watermark.		

Table 32-358 NatL2AwSubTcpPortUsageHigh

Alarm	Attributes	Supported releases
Name: NatL2AwSubTcpPortUsageHigh (1088) Type: equipmentAlarm (3) Package: ressubscr Raised on class: ressubscr.ResidentialSubscriberInstance	Severity: major Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the TCP port usage of an L2-aware NAT subscriber reaches the high or low watermark.		

Table 32-359 NatL2AwSubUdpPortUsageHigh

Alarm	Attributes	Supported releases
Name: NatL2AwSubUdpPortUsageHigh (1089) Type: equipmentAlarm (3) Package: ressubscr Raised on class: ressubscr.ResidentialSubscriberInstance	Severity: major Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the UDP port usage of an L2-aware NAT subscriber reaches the high or low watermark.		

Table 32-360 NatLsnSubIcmpPortUsageHigh

Alarm	Attributes	Supported releases
Name: NatLsnSubIcmpPortUsageHigh (1071) Type: equipmentAlarm (3) Package: nat Raised on class: nat.LsnSubscriber	Severity: major Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the ICMP port usage of a large-scale NAT subscriber reaches the high or low watermark.		

Table 32-361 NatLsnSubTcpPortUsageHigh

Alarm	Attributes	Supported releases
Name: NatLsnSubTcpPortUsageHigh (1072) Type: equipmentAlarm (3) Package: nat Raised on class: nat.LsnSubscriber	Severity: major Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the TCP port usage of a large-scale NAT subscriber reaches the high or low watermark.		

Table 32-362 NatLsnSubUdpPortUsageHigh

Alarm	Attributes	Supported releases
Name: NatLsnSubUdpPortUsageHigh (1073) Type: equipmentAlarm (3) Package: nat Raised on class: nat.LsnSubscriber	Severity: major Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the UDP port usage of a large-scale NAT subscriber reaches the high or low watermark.		

Table 32-363 NatPIL2AwBlockUsageHigh

Alarm	Attributes	Supported releases
Name: NatPIL2AwBlockUsageHigh (1074) Type: equipmentAlarm (3) Package: nat Raised on class: nat.NatPool	Severity: major Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the block usage of an L2-aware NAT address pool reaches the high watermark. The alarm clears when the block usage reaches the low watermark.		

Table 32-364 NatPILsnMemberBlockUsageHigh

Alarm	Attributes	Supported releases
Name: NatPILsnMemberBlockUsageHigh (1075) Type: equipmentAlarm (3) Package: nat Raised on class: nat.NatPool	Severity: major Implicitly cleared: true Default probable cause: resourceFull (53)	Unspecified
Description: The alarm is raised when the block usage of a large-scale NAT address pool reaches the high watermark. The alarm clears when the block usage reaches the low watermark.		

Table 32-365 NodeColdStart

Alarm	Attributes	Supported releases
Name: NodeColdStart (172) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: nodeColdStart (135)	Unspecified
Description: The alarm is raised when the 5620 SAM receives a SNMPv2-MIB.coldStart trap from an NE.		

Table 32-366 noFunctioningScript

Alarm	Attributes	Supported releases
Name: noFunctioningScript (275) Type: configurationAlarm (11) Package: subscriber Raised on class: subscriber.Policy	Severity: critical Implicitly cleared: true Default probable cause: primaryBackupDown (207)	Unspecified
Description: The alarm is raised when all subscriber identification scripts are operationally down.		
Raising condition: (('isLocal' EQUAL 'true') AND ('Primary Script Operational State' NOT EQUAL 'Up') AND ('Secondary Script Operational State' NOT EQUAL 'Up') AND ('Tertiary Script Operational State' NOT EQUAL 'Up'))		
Clearing condition: (('isLocal' EQUAL 'true') AND (('Primary Script Operational State' EQUAL 'Up') OR ('Secondary Script Operational State' EQUAL 'Up') OR ('Tertiary Script Operational State' EQUAL 'Up')))		

Table 32-367 OpticalAmplifierLossOfInputOpticalPower

Alarm	Attributes	Supported releases
Name: OpticalAmplifierLossOfInputOpticalPower (1185) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: AmplifierLossOfInputOpticalPower (886)	Unspecified
Description: The alarm is raised when a device reports a Amplifier Loss of input optical power optical amplifier interface.		

Table 32-368 OpticalAmplifierLossOfOutputPower

Alarm	Attributes	Supported releases
Name: OpticalAmplifierLossOfOutputPower (1186) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: AmplifierLossOfOutputPower (887)	Unspecified
Description: The alarm is raised when a device reports a Amplifier Loss of output power on a optical amplifier interface.		

Table 32-369 OpticalAmplifierModuleCaseTemperatureHigh

Alarm	Attributes	Supported releases
Name: OpticalAmplifierModuleCaseTemperatureHigh (1180) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: AmplifierModuleCaseTemperatureHigh (881)	Unspecified
Description: The alarm is raised when a device reports an Amplifier Module Case Temperature High on a optical amplifier interface.		

Table 32-370 OpticalAmplifierModuleCaseTemperatureLow

Alarm	Attributes	Supported releases
Name: OpticalAmplifierModuleCaseTemperatureLow (1181) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: AmplifierModuleCaseTemperatureLow (882)	Unspecified
Description: The alarm is raised when a device reports a Amplifier Module Case Temperature Low on a optical amplifier interface.		

Table 32-371 OpticalAmplifierModuleCommunicationFailure

Alarm	Attributes	Supported releases
Name: OpticalAmplifierModuleCommunicationFailure (1187) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: AmplifierModuleCommunicationFailure (888)	Unspecified
Description: The alarm is raised when a device reports a Amplifier Module communication failure on a tunable dispersion compensation module's interface.		

Table 32-372 OpticalAmplifierPumpCurrent

Alarm	Attributes	Supported releases
Name: OpticalAmplifierPumpCurrent (1188) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WaveLengthTracker	Severity: major Implicitly cleared: true Default probable cause: AmplifierPumpcurrent (889)	Unspecified
Description: The alarm is raised when a device reports an Amplifier Pump over current on a optical amplifier interface.		

Table 32-373 OpticalAmplifierPumpTemperature

Alarm	Attributes	Supported releases
Name: OpticalAmplifierPumpTemperature (1182) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WavelengthTracker	Severity: major Implicitly cleared: true Default probable cause: AmplifierPumpTemperature (883)	Unspecified
Description: The alarm is raised when a device reports an Amplifier Pump Temperature on a optical amplifier interface.		

Table 32-374 OpticalTdcmeEPROMInvalid

Alarm	Attributes	Supported releases
Name: OpticalTdcmeEPROMInvalid (1189) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WavelengthTracker	Severity: major Implicitly cleared: true Default probable cause: TdcmeEPROMInvalid (890)	Unspecified
Description: The alarm is raised when a device reports a Tdcme EEPROM invalid on a tunable dispersion compensation module's interface.		

Table 32-375 OpticalTdcmeModuleCommunicationFailure

Alarm	Attributes	Supported releases
Name: OpticalTdcmeModuleCommunicationFailure (1190) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WavelengthTracker	Severity: major Implicitly cleared: true Default probable cause: TdcmeModuleCommunicationFailure (891)	Unspecified
Description: The alarm is raised when a device reports a Tdcme Module Communication Failure on a tunable dispersion compensation module's interface.		

Table 32-376 OpticalTdcmeModuleTemperatureHigh

Alarm	Attributes	Supported releases
Name: OpticalTdcmeModuleTemperatureHigh (1183) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WavelengthTracker	Severity: major Implicitly cleared: true Default probable cause: TdcmeModuleTemperatureHigh (884)	Unspecified
Description: The alarm is raised when a device reports an Tdcme Module Temperature High on a tunable dispersion compensation module's interface.		

Table 32-377 OpticalTdcModuleTemperatureLow

Alarm	Attributes	Supported releases
Name: OpticalTdcModuleTemperatureLow (1184) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WavelengthTracker	Severity: major Implicitly cleared: true Default probable cause: TdcModuleTemperatureLow (885)	Unspecified
Description: The alarm is raised when a device reports an Tdc Module Temperature Low on a tunable dispersion compensation module's interface.		

Table 32-378 OpticalTdcNotReady

Alarm	Attributes	Supported releases
Name: OpticalTdcNotReady (1191) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WavelengthTracker	Severity: major Implicitly cleared: true Default probable cause: TdcNotReady (892)	Unspecified
Description: The alarm is raised when a device reports an Tdc not Ready on a tunable dispersion compensation module's interface.		

Table 32-379 OpticalTdcThermalControlTemperatureLimit

Alarm	Attributes	Supported releases
Name: OpticalTdcThermalControlTemperatureLimit (1192) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WavelengthTracker	Severity: major Implicitly cleared: true Default probable cause: TdcThermalControlTemperatureLimit (893)	Unspecified
Description: The alarm is raised when a device reports a Tdc thermal control temperature limit on a tunable dispersion compensation module's interface.		

Table 32-380 OpticalTdcThermalControlUnlocked

Alarm	Attributes	Supported releases
Name: OpticalTdcThermalControlUnlocked (1193) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.WavelengthTracker	Severity: major Implicitly cleared: true Default probable cause: TdcThermalControlUnlocked (894)	Unspecified
Description: The alarm is raised when a device reports a Tdc Thermal Control Unlocked on a tunable dispersion compensation module's interface.		

Table 32-381 OspfExportLimitDropped

Alarm	Attributes	Supported releases
Name: OspfExportLimitDropped (1924) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitDropped (598)	Unspecified
Description: The alarm is raised when the total number of exported routes from the route table to this OSPF level drops below the configured export limit		

Table 32-382 OspfExportLimitReached

Alarm	Attributes	Supported releases
Name: OspfExportLimitReached (1925) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitReached (599)	Unspecified
Description: The alarm is raised when the total number of routes for the level is equal to the configured limit for exported routes		

Table 32-383 OspfExportLimitWarning

Alarm	Attributes	Supported releases
Name: OspfExportLimitWarning (1926) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitWarning (600)	Unspecified
Description: The alarm is raised when the total number of exported routes or the level is equal to the configured percent, vRtrIsisExportLimitLogPercent of the export limit		

Table 32-384 OspfExternalLsaThresholdExceeded

Alarm	Attributes	Supported releases
Name: OspfExternalLsaThresholdExceeded (372) Type: topologyAlarm (34) Package: topology Raised on class: topology.Cpaa	Severity: major Implicitly cleared: true Default probable cause: manyExternalLSAsFloodingIntoIGP (271)	Unspecified
Description: The alarm is raised when the number of OSPF external LSAs exceeds the maximum threshold because a large number of external LSAs flooding into the IGP.		

Table 32-385 OspflfTxRetransmit

Alarm	Attributes	Supported releases
Name: OspflfTxRetransmit (662) Type: communicationsAlarm (4) Package: ospf Raised on class: ospf.Interface	Severity: warning Implicitly cleared: false Default probable cause: hello (47) Applicable probable causes: <ul style="list-style-type: none"> • hello • dbDescript • lsReq • lsUpdate • lsAck • nullPacket 	Unspecified
Description: The alarm is raised when an NE retransmits an OSPF packet. The alarm information includes the NE ID of the OSPF neighbor. The alarm is not raised against a Release 4.0 or later NE.		

Table 32-386 OspflInternalLsaRateThresholdExceededPerArea

Alarm	Attributes	Supported releases
Name: OspflInternalLsaRateThresholdExceededPerArea (310) Type: topologyAlarm (34) Package: topology Raised on class: topology.Area	Severity: major Implicitly cleared: true Default probable cause: unstableIGPNetwork (241)	Unspecified
Description: The alarm is raised when the OSPF internal LSA rate for an area exceeds the maximum allowed value because of an unstable IGP network.		

Table 32-387 OspflInternalLsaThresholdExceededPerArea

Alarm	Attributes	Supported releases
Name: OspflInternalLsaThresholdExceededPerArea (309) Type: topologyAlarm (34) Package: topology Raised on class: topology.Area	Severity: major Implicitly cleared: true Default probable cause: largeIgpNetwork (240)	Unspecified
Description: The alarm is raised when the number of OSPF internal LSAs for an area exceeds the maximum allowed value because of a large IGP network.		

Table 32-388 OspfLsaRateThresholdExceededPerRouter

Alarm	Attributes	Supported releases
Name: OspfLsaRateThresholdExceededPerRouter (308) Type: topologyAlarm (34) Package: topology Raised on class: topology.Router	Severity: major Implicitly cleared: true Default probable cause: unstableLinksOnRouter (239)	Unspecified
Description: The alarm is raised when the OSPF LSA rate for an NE exceeds the maximum allowed value because of an unstable NE link.		

Table 32-389 OspfLsaThresholdExceededPerRouter

Alarm	Attributes	Supported releases
Name: OspfLsaThresholdExceededPerRouter (374) Type: topologyAlarm (34) Package: topology Raised on class: topology.Router	Severity: major Implicitly cleared: true Default probable cause: routerAdvertisingManyLSAs (273)	Unspecified
Description: The alarm is raised when the number of OSPF LSAs for an NE exceeds the maximum allowed value because the NE advertises too many LSAs.		

Table 32-390 OTUAlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: OTUAlarmIndicationSignal (755) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: AlarmIndicationSignal (531)	Unspecified
Description: The alarm is raised when a device reports an AIS on an OTU-enabled interface.		

Table 32-391 OTUBackwardDefectIndication

Alarm	Attributes	Supported releases
Name: OTUBackwardDefectIndication (756) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: BackwardDefectIndication (532)	Unspecified
Description: The alarm is raised when a device reports a BDI on an OTU-enabled interface.		

Table 32-392 OTUBackwardIncomingAlignmentError

Alarm	Attributes	Supported releases
Name: OTUBackwardIncomingAlignmentError (815) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: BackwardIncomingAlignmentError (578)	Unspecified
Description: The alarm is raised when a device reports an ODU alarm indication signal on an OTU-enabled interface.		

Table 32-393 OTUBitErrorRateSignalDegradation

Alarm	Attributes	Supported releases
Name: OTUBitErrorRateSignalDegradation (757) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: BitErrorRateSignalDegradation (533)	Unspecified
Description: The alarm is raised when a device reports a BER-SD on an OTU-enabled interface.		

Table 32-394 OTUBitErrorRateSignalFail

Alarm	Attributes	Supported releases
Name: OTUBitErrorRateSignalFail (758) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: critical Implicitly cleared: true Default probable cause: BitErrorRateSignalFail (534)	Unspecified
Description: The alarm is raised when a device reports a BER-SF on an OTU-enabled interface.		

Table 32-395 OTUFECRxTxModeMismatch

Alarm	Attributes	Supported releases
Name: OTUFECRxTxModeMismatch (759) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: critical Implicitly cleared: true Default probable cause: FECRxTxModeMismatch (535)	Unspecified
Description: The alarm is raised when a device reports a FEC Rx/Tx mode mismatch on an OTU-enabled interface.		

Table 32-396 OTUFECSignalDegradation

Alarm	Attributes	Supported releases
Name: OTUFECSignalDegradation (760) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: FECSignalDegradation (536)	Unspecified
Description: The alarm is raised when a device reports a FEC-SD on an OTU-enabled interface.		

Table 32-397 OTUFECSignalFailure

Alarm	Attributes	Supported releases
Name: OTUFECSignalFailure (761) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: FECSignalFailure (537)	Unspecified
Description: The alarm is raised when a device reports a FEC-SF on an OTU-enabled interface.		

Table 32-398 OTUIncomingAlignmentError

Alarm	Attributes	Supported releases
Name: OTUIncomingAlignmentError (816) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: IncomingAlignmentError (579)	Unspecified
Description: The alarm is raised when a device reports an ODU open connection indication on an OTU-enabled interface.		

Table 32-399 OTULossOfClock

Alarm	Attributes	Supported releases
Name: OTULossOfClock (762) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: critical Implicitly cleared: true Default probable cause: LossOfClock (538)	Unspecified
Description: The alarm is raised when a device reports an LOC on an OTU-enabled interface.		

Table 32-400 OTULossOfFraming

Alarm	Attributes	Supported releases
Name: OTULossOfFraming (763) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: critical Implicitly cleared: true Default probable cause: LossOfFraming (539)	Unspecified
Description: The alarm is raised when a device reports an LOF on an OTU-enabled interface.		

Table 32-401 OTULossOfMultiFrame

Alarm	Attributes	Supported releases
Name: OTULossOfMultiFrame (764) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: LossOfMultiFrame (540)	Unspecified
Description: The alarm is raised when a device reports an LOM on an OTU-enabled interface.		

Table 32-402 OTULossOfSignal

Alarm	Attributes	Supported releases
Name: OTULossOfSignal (765) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.OtuInterface	Severity: critical Implicitly cleared: true Default probable cause: LossOfSignal (541)	Unspecified
Description: The alarm is raised when a device reports an LOS on an OTU-enabled interface.		

Table 32-403 OTUODUAlarmIndicationSignal

Alarm	Attributes	Supported releases
Name: OTUODUAlarmIndicationSignal (766) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: ODUAlarmIndicationSignal (542)	Unspecified
Description: The alarm is raised when a device reports an ODU AIS on an OTU-enabled interface.		

Table 32-404 OTUODULocked

Alarm	Attributes	Supported releases
Name: OTUODULocked (767) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.OtuInterface	Severity: critical Implicitly cleared: true Default probable cause: ODULocked (543)	Unspecified
Description: The alarm is raised when a device reports an ODU locked on an OTU-enabled interface.		

Table 32-405 OTUODUOpenConnectionIndication

Alarm	Attributes	Supported releases
Name: OTUODUOpenConnectionIndication (768) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.OtuInterface	Severity: critical Implicitly cleared: true Default probable cause: ODUOpenConnectionIndication (544)	Unspecified
Description: The alarm is raised when a device reports an ODU-OCI on an OTU-enabled interface.		

Table 32-406 OTUOPUSIPayloadTypeMismatch

Alarm	Attributes	Supported releases
Name: OTUOPUSIPayloadTypeMismatch (817) Type: communicationsAlarm (4) Package: ethernetEquipment Raised on class: ethernetEquipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: OPUSIPayloadTypeMismatch (580)	Unspecified
Description: The alarm is raised when a device reports a PM backward defect indication on an OTU-enabled interface.		

Table 32-407 OTUOPUPSITraceMismatch

Alarm	Attributes	Supported releases
Name: OTUOPUPSITraceMismatch (818) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: OPUPSITraceMismatch (581)	Unspecified
Description: The alarm is raised when a device reports an ODU locked indication on an OTU-enabled interface.		

Table 32-408 OTUPMBackwardDefectIndication

Alarm	Attributes	Supported releases
Name: OTUPMBackwardDefectIndication (769) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: PMBackwardDefectIndication (545)	Unspecified
Description: The alarm is raised when a device reports a PM BDI on an OTU-enabled interface.		

Table 32-409 OTUPMTraceIDMismatch

Alarm	Attributes	Supported releases
Name: OTUPMTraceIDMismatch (819) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: PMTraceIDMismatch (582)	Unspecified
Description: The alarm is raised when a device reports an ODU open connection indication on an OTU-enabled interface.		

Table 32-410 OTUTraceIDMismatch

Alarm	Attributes	Supported releases
Name: OTUTraceIDMismatch (820) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: TraceIDMismatch (583)	Unspecified
Description: The alarm is raised when a device reports a trace ID mismatch on an OTU-enabled interface.		

Table 32-411 OTUUncorrectableFECErrors

Alarm	Attributes	Supported releases
Name: OTUUncorrectableFECErrors (770) Type: communicationsAlarm (4) Package: ethernetequipment Raised on class: ethernetequipment.OtuInterface	Severity: major Implicitly cleared: true Default probable cause: UncorrectableFECErrors (546)	Unspecified
Description: The alarm is raised when a device reports one or more uncorrectable FEC errors on an OTU-enabled interface.		

Table 32-412 OutOfSlots

Alarm	Attributes	Supported releases
Name: OutOfSlots (462) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: false Default probable cause: noAvailableSlotNumbers (352)	Unspecified
Description: The alarm is raised when a stack element enters pass-through mode because there is no slot number for the element.		

Table 32-413 PacingInProgressWarning

Alarm	Attributes	Supported releases
Name: PacingInProgressWarning (737) Type: configurationAlarm (11) Package: tunnelmgmt Raised on class: tunnelmgmt.TopologyRule	Severity: warning Implicitly cleared: true Default probable cause: noUpdatesDueToPacingInProgress (514)	Unspecified
Description: The alarm is raised when tunnel creation or deletion is not performed after a member is added or removed from a rule group because topology rule pacing is in progress. When this occurs, the Reapply and Delete Unused operations must be performed manually when the pacing is complete. The alarm clears after a Reapply operation is performed.		

Table 32-414 ParentTemplateInvalid

Alarm	Attributes	Supported releases
Name: ParentTemplateInvalid (194) Type: configurationAlarm (11) Package: template Raised on class: template.TemplateBinding	Severity: major Implicitly cleared: true Default probable cause: referencedObjectInvalid (152)	Unspecified
Description: The alarm is raised when a parent template in a template binding is invalid. The alarm is deprecated in the 5620 SAM, Release 6.0 and later.		
Raising condition: ('parentTemplateInvalidReference' EQUAL 'true')		
Clearing condition: ('parentTemplateInvalidReference' EQUAL 'false')		

Table 32-415 PathReoptimized

Alarm	Attributes	Supported releases
Name: PathReoptimized (28) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: false Default probable cause: pathReoptimized (21)	Unspecified
Description: The alarm is raised when an MPLS path generates an mplsTunnelReoptimized trap.		

Table 32-416 PathRerouted

Alarm	Attributes	Supported releases
Name: PathRerouted (29) Type: pathAlarm (12) Package: mpls Raised on class: mpls.Tunnel	Severity: warning Implicitly cleared: false Default probable cause: pathRerouted (22)	Unspecified
Description: The alarm is raised when an MPLS path generates an mplsTunnelRerouted trap.		

Table 32-417 PbbSiteMisconfiguration

Alarm	Attributes	Supported releases
Name: PbbSiteMisconfiguration (571) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.AbstractVpls	Severity: warning Implicitly cleared: true Default probable cause: includeBothBAndISite (440)	Unspecified
Description: The alarm is raised when a VPLS contains a B-Site and an I-Site.		
Raising condition: (('Include B-Site(s)' EQUAL 'true') AND ('Include I-Site(s)' EQUAL 'true'))		
Clearing condition: (('Include B-Site(s)' NOT EQUAL 'true') OR ('Include I-Site(s)' NOT EQUAL 'true'))		

Table 32-418 PChipCAMEvent

Alarm	Attributes	Supported releases
Name: PChipCAMEvent (814) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: true Default probable cause: camError (577)	Unspecified
Description: The alarm is raised when an IOM or CPM experiences a P-chip CAM error.		

Table 32-419 PChipError

Alarm	Attributes	Supported releases
Name: PChipError (593) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.BaseCard	Severity: warning Implicitly cleared: true Default probable cause: pChipError (447)	Unspecified
Description: The alarm is raised when a P chip reports persistent errors on the specified complex in the specified direction.		

Table 32-420 PChipMemoryEvent

Alarm	Attributes	Supported releases
Name: PChipMemoryEvent (608) Type: hardwareAnomaly (55) Package: equipment Raised on class: equipment.BaseCard	Severity: warning Implicitly cleared: true Default probable cause: memoryParityError (451)	Unspecified
Description: The alarm is raised when a P chip detects a memory parity error. The alarm is raised against a 7450 ESS, 7710 SR, or 7750 SR. The alarm is raised against a Release 6.0 NE at R10 or later and a Release 6.1 NE at R5 or later.		

Table 32-421 peerSetConfigurationIssue

Alarm	Attributes	Supported releases
Name: peerSetConfigurationIssue (267) Type: configurationAlarm (11) Package: pim Raised on class: pim.VirtualAnyCastRP	Severity: major Implicitly cleared: true Default probable cause: mismatchPeerSets (199)	Unspecified
Description: The alarm is raised when a peer set is misconfigured.		

Table 32-422 PhysicalLinkDown

Alarm	Attributes	Supported releases
Name: PhysicalLinkDown (1140) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.VlanPath	Severity: major Implicitly cleared: true Default probable cause: PhysicalLinkDown (846)	Unspecified
Description: The alarm is raised when the physical link between two hops of a VLAN path is down.		

Table 32-423 PortsSeggregated

Alarm	Attributes	Supported releases
Name: PortsSeggregated (746) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.VlanPathInstance	Severity: major Implicitly cleared: true Default probable cause: portsSeggregated (522)	Unspecified
Description: The alarm is raised when the two ports that are to be part of a service cross-connect are segregated.		

Table 32-424 PowerSupplyVoltageAlarm

Alarm	Attributes	Supported releases
Name: PowerSupplyVoltageAlarm (1129) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.PowerSupply	Severity: variable Implicitly cleared: false Default probable cause: powerSupplyFailure (117)	Unspecified
Description: The alarm is raised when the associated power supply alarm voltage state is not set to Normal.		

Table 32-425 PPPFail

Alarm	Attributes	Supported releases
Name: PPPFail (632) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: pppFail (469)	Unspecified
Description: The alarm is raised when a PPP IP Fail condition is detected.		

Table 32-426 PppNcpFailure

Alarm	Attributes	Supported releases
Name: PppNcpFailure (3689) Type: processingErrorAlarm (81) Package: service Raised on class: service.ServiceAccessPoint	Severity: major Implicitly cleared: false Default probable cause: sapAtmPppNcpFailure (1428)	Unspecified
Description: The alarm is raised when there is a NCP phase setup problem.		

Table 32-427 PPPoASessionFailure

Alarm	Attributes	Supported releases
Name: PPPoASessionFailure (3688) Type: processingErrorAlarm (81) Package: service Raised on class: service.AccessInterface	Severity: major Implicitly cleared: false Default probable cause: sapAtmPppSessionFailure (1427)	Unspecified
Description: The alarm is raised when an NE notifies the 5620 SAM that it cannot create a PPPoA Session.		

Table 32-428 PPPoESessionFailure

Alarm	Attributes	Supported releases
Name: PPPoESessionFailure (2915) Type: processingErrorAlarm (81) Package: service Raised on class: service.ServiceAccessPoint	Severity: major Implicitly cleared: false Default probable cause: pppoeSessionFailed (1119)	Unspecified
Description: The alarm is raised when an NE notifies the 5620 SAM that it cannot create a PPPoE Session.		

Table 32-429 PrefixLimitExceeded

Alarm	Attributes	Supported releases
Name: PrefixLimitExceeded (4) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: critical Implicitly cleared: false Default probable cause: prefixLimitExceeded (4)	Unspecified
Description: The alarm is raised when a BGP instance learns the maximum number of peer routes.		

Table 32-430 PrefixLimitNearing

Alarm	Attributes	Supported releases
Name: PrefixLimitNearing (3) Type: ProtocolAlarm (1) Package: bgp Raised on class: bgp.Peer	Severity: major Implicitly cleared: false Default probable cause: prefixLimitNearing (3)	Unspecified
Description: The alarm is raised when a BGP instance learns 90 percent of the maximum number of peer routes.		

Table 32-431 PTPCardNotSupportedAlarm

Alarm	Attributes	Supported releases
Name: PTPCardNotSupportedAlarm (3603) Type: equipmentAlarm (3) Package: ptp Raised on class: ptp.IEEEPTPClock	Severity: minor Implicitly cleared: true Default probable cause: PTPCardNotSupported (1392)	Unspecified
Description: The alarm is generated when the Precision Timing Protocol (PTP) is enabled on a card that is not capable of clock recovery using PTP.		

Table 32-432 PTPClockNoMasterAlarm

Alarm	Attributes	Supported releases
Name: PTPClockNoMasterAlarm (3604) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPClock	Severity: major Implicitly cleared: true Default probable cause: PTPClockNoMaster (1393)	Unspecified
Description: The alarm is generated when PTP clock has does not have PTP timing master.		

Table 32-433 PTPClockRecoveryStateAlarm

Alarm	Attributes	Supported releases
Name: PTPClockRecoveryStateAlarm (3605) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPClock	Severity: info Implicitly cleared: true Default probable cause: PTPClockRecoveryStateChange (1394)	Unspecified
Description: The alarm is generated when the aluPtpClockRecoveryState changes for an IEEE 1588 PTP Clock.		

Table 32-434 PTPMasterChangeAlarm

Alarm	Attributes	Supported releases
Name: PTPMasterChangeAlarm (3606) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPClock	Severity: info Implicitly cleared: true Default probable cause: PTPMasterChange (1395)	Unspecified
Description: The alarm is generated when a PTP clock has changed its source of synchronization.		

Table 32-435 PTPOutOfResourcesAlarm

Alarm	Attributes	Supported releases
Name: PTPOutOfResourcesAlarm (3607) Type: equipmentAlarm (3) Package: ptp Raised on class: ptp.IEEEPTPClock	Severity: minor Implicitly cleared: true Default probable cause: PTPOutOfResources (1396)	Unspecified
Description: The alarm is generated when the Precision Timing Protocol (PTP) process on the card is out of resources. This may occur in either two situations: 1. The number of PTP peers exceeds the system limit. 2. The total unicast packet rate negotiated with all PTP peers has reached the maximum packet rate supported by the system.		

Table 32-436 PTPPortDSPortStateAlarm

Alarm	Attributes	Supported releases
Name: PTPPortDSPortStateAlarm (3610) Type: communicationsAlarm (4) Package: ptp Raised on class: ptp.IEEEPTPPort	Severity: info Implicitly cleared: true Default probable cause: PTPPortDSPortState (1399)	Unspecified
Description: The alarm is generated when the aluPtpPortDSPortState changes for an IEEE 1588 PTP port.		

Table 32-437 PTPQualityLevelChangedAlarm

Alarm	Attributes	Supported releases
Name: PTPQualityLevelChangedAlarm (3612) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: false Default probable cause: PTPQualityLevelChanged (1401)	Unspecified
Description: The alarm is generated when there is a change of the received quality level on the Precision Timing Protocol (PTP).		

Table 32-438 QueryVerMismatch

Alarm	Attributes	Supported releases
Name: QueryVerMismatch (159) Type: configurationAlarm (11) Package: igmp Raised on class: igmp.Interface	Severity: warning Implicitly cleared: false Default probable cause: InvalidVersionofQueryMessageReceived (129)	Unspecified
Description: The alarm is raised when an interface configured for IGMPv3 receives a query message for an earlier IGMP version. The interface subsequently enters an IGMP mode that is compatible with the earlier version. The alarm information includes the IGMP version on the interface and the IGMP version of the received query.		

Table 32-439 RadioLinkDown

Alarm	Attributes	Supported releases
Name: RadioLinkDown (747) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.VlanPath	Severity: major Implicitly cleared: true Default probable cause: radioLinkDown (523)	Unspecified
Description: The alarm is raised when the radio link between two hops of a VLAN path is down.		

Table 32-440 RadiusAcctPlcyFailure

Alarm	Attributes	Supported releases
Name: RadiusAcctPlcyFailure (363) Type: radiusAccountingPolicyAlarm (38) Package: radiusaccounting Raised on class: radiusaccounting.Policy	Severity: major Implicitly cleared: false Default probable cause: radiusAccountingRequestFailure (260)	Unspecified
Description: The alarm is raised when a RADIUS accounting request is not successfully sent to any of the RADIUS servers specified in the RADIUS accounting policy.		

Table 32-441 RadiusInsertedFltrEntryDropped

Alarm	Attributes	Supported releases
Name: RadiusInsertedFltrEntryDropped (1152) Type: configurationAlarm (11) Package: aclfilter Raised on class: aclfilter.FilterDefinition	Severity: warning Implicitly cleared: false Default probable cause: FilterEntryDropped (856)	Unspecified
Description: The alarm is raised when a request to insert a filter entry was not successful in Radius range.		

Table 32-442 RadiusInsertSpaceThresholdAlarm

Alarm	Attributes	Supported releases
Name: RadiusInsertSpaceThresholdAlarm (1151) Type: configurationAlarm (11) Package: aclfilter Raised on class: aclfilter.FilterDefinition	Severity: major Implicitly cleared: true Default probable cause: UtilizationExceedConfiguredLimit (855)	Unspecified
Description: The alarm is generated when the utilization of a filter entry range that was reserved for filter entry insertion increases to the configured high watermark for Radius application insert range.		

Table 32-443 RDI

Alarm	Attributes	Supported releases
Name: RDI (806) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.IMALink	Severity: minor Implicitly cleared: true Default probable cause: remoteDefectIndication (572)	Unspecified
Description: The alarm is raised when a Remote Defect Indication signal is detected on an ASAP MDA.		

Table 32-444 ReceivedHigherBridgePriority

Alarm	Attributes	Supported releases
Name: ReceivedHigherBridgePriority (504) Type: SdpBindingAlarm (30) Package: l2fwd Raised on class: l2fwd.CircuitStp	Severity: warning Implicitly cleared: false Default probable cause: customerDeviceMisconfigured (332)	Unspecified
Description: The alarm is raised when a customer NE is configured with a bridge priority of zero. The SDP binding that connects to the customer device is subsequently blocked.		

Table 32-445 RedundancySwitchover

Alarm	Attributes	Supported releases
Name: RedundancySwitchover (181) Type: equipmentAlarm (3) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: redundancySwitchover (143)	Unspecified
Description: The alarm is raised when a 5620 SAM main server receives a ssiRedSwitchover trap from an NE, which indicates that the standby CPM detects an active CPM failure and is preparing to take over as the new active CPM.		

Table 32-446 RedundantIfMismatch

Alarm	Attributes	Supported releases
Name: RedundantIfMismatch (419) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: false Default probable cause: redundantIfNotProperlyPaired (312)	Unspecified
Description: The alarm is raised when the local and remote redundant interfaces are not correctly paired.		

Table 32-447 ReferenceOneLossOfSignal

Alarm	Attributes	Supported releases
Name: ReferenceOneLossOfSignal (1953) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: ReferenceOneLossOfSignal (941)	Unspecified
Description: The alarm is raised when the Timing Reference One on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 32-448 ReferenceOneOutOfFrequency

Alarm	Attributes	Supported releases
Name: ReferenceOneOutOfFrequency (1954) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: ReferenceOneOutOfFrequency (942)	Unspecified
Description: The alarm is raised when the Timing Reference One on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 32-449 ReferenceOneOutOfPollInRange

Alarm	Attributes	Supported releases
Name: ReferenceOneOutOfPollInRange (1955) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: ReferenceOneOutOfPollInRange (943)	Unspecified
Description: The alarm is raised when the Timing Reference One on an NE is not qualified due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 32-450 ReferenceTwoLossOfSignal

Alarm	Attributes	Supported releases
Name: ReferenceTwoLossOfSignal (1956) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: ReferenceTwoLossOfSignal (944)	Unspecified
Description: The alarm is raised when the Timing Reference Two on an NE is not qualified due to Loss of Signal.		
Raising condition: (('Alarms'anyBit'LOS'))		
Clearing condition: NOT (('Alarms'anyBit'LOS'))		

Table 32-451 ReferenceTwoOutOfFrequency

Alarm	Attributes	Supported releases
Name: ReferenceTwoOutOfFrequency (1957) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: ReferenceTwoOutOfFrequency (945)	Unspecified
Description: The alarm is raised when the Timing Reference Two on an NE is not qualified due to Out of frequency.		
Raising condition: (('Alarms'anyBit'OOF'))		
Clearing condition: NOT (('Alarms'anyBit'OOF'))		

Table 32-452 ReferenceTwoOutOfPollInRange

Alarm	Attributes	Supported releases
Name: ReferenceTwoOutOfPollInRange (1958) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: ReferenceTwoOutOfPollInRange (946)	Unspecified
Description: The alarm is raised when the Timing Reference Two on an NE is not qualified due to Out of poll in range.		
Raising condition: (('Alarms'anyBit'OOPIR'))		
Clearing condition: NOT (('Alarms'anyBit'OOPIR'))		

Table 32-453 RemoteDefectIndication

Alarm	Attributes	Supported releases
Name: RemoteDefectIndication (2942) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: remoteDefectIndication (572)	Unspecified
Description: The alarm is raised when a RDI occurs.		

Table 32-454 RemoteNEFailure

Alarm	Attributes	Supported releases
Name: RemoteNEFailure (1173) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: remoteNEFailure (874)	Unspecified
Description: The alarm is raised when there is a failure in the remote network element.		

Table 32-455 ReplaceableUnitMissing

Alarm	Attributes	Supported releases
Name: ReplaceableUnitMissing (635) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: cardMissing (471)	Unspecified
Description: The alarm is raised when a device detects that a provisioned card is not physically present.		

Table 32-456 ReplaceableUnitProblem

Alarm	Attributes	Supported releases
Name: ReplaceableUnitProblem (636) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: cardFail (472)	Unspecified
Description: The alarm is raised when a card fails.		

Table 32-457 ReplaceableUnitTypeMismatch

Alarm	Attributes	Supported releases
Name: ReplaceableUnitTypeMismatch (637) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: equipmentMismatch (473)	Unspecified
Description: The alarm is raised when there is a mismatch between the installed card type and the expected card type.		

Table 32-458 ResiliencySapDeleted

Alarm	Attributes	Supported releases
Name: ResiliencySapDeleted (688) Type: resiliencyAlarm (58) Package: resiliency Raised on class: resiliency.HsdpaResiliency	Severity: major Implicitly cleared: true Default probable cause: resiliencySapDeleted (503)	Unspecified
Description: The alarm is raised when a SAP that is used for resiliency is deleted.		

Table 32-459 ResiliencyServiceSwitch

Alarm	Attributes	Supported releases
Name: ResiliencyServiceSwitch (689) Type: resiliencyAlarm (58) Package: resiliency Raised on class: resiliency.HsdpaResiliency	Severity: major Implicitly cleared: true Default probable cause: secondaryServiceSiteActive (504)	Unspecified
Description: The alarm is raised when a secondary service becomes active.		

Table 32-460 ResiliencySiteDeleted

Alarm	Attributes	Supported releases
Name: ResiliencySiteDeleted (690) Type: resiliencyAlarm (58) Package: resiliency Raised on class: resiliency.HsdpaResiliency	Severity: major Implicitly cleared: true Default probable cause: secondaryServiceSiteDeleted (505)	Unspecified
Description: The alarm is raised when a secondary service site is deleted.		

Table 32-461 restoreFailureAlarm

Alarm	Attributes	Supported releases
Name: restoreFailureAlarm (535) Type: softwareAlarm (19) Package: sw Raised on class: sw.SoftwareControlModule	Severity: major Implicitly cleared: false Default probable cause: restoreFailureAlarm (404)	Unspecified
Description: The alarm is raised when the software restore process on an NE fails.		

Table 32-462 RetimingBufferOverFlow

Alarm	Attributes	Supported releases
Name: RetimingBufferOverFlow (1130) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: bufferOverFlow (839)	Unspecified
Description: The alarm is raised when an retiming buffer overflow occurs.		

Table 32-463 RipAuthenticationFailure

Alarm	Attributes	Supported releases
Name: RipAuthenticationFailure (70) Type: authenticationAlarm (14) Package: rip Raised on class: rip.Interface	Severity: warning Implicitly cleared: false Default probable cause: authFailure (46)	Unspecified
Description: The alarm is raised when a peer authentication failure occurs. The alarm information includes the peer address.		

Table 32-464 RipAuthenticationMismatch

Alarm	Attributes	Supported releases
Name: RipAuthenticationMismatch (71) Type: authenticationAlarm (14) Package: rip Raised on class: rip.Interface	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45)	Unspecified
Description: The alarm is raised when a peer authentication mismatch occurs. The alarm indicates the peer address.		

Table 32-465 RipExportLimitDropped

Alarm	Attributes	Supported releases
Name: RipExportLimitDropped (1927) Type: configurationAlarm (11) Package: rip Raised on class: rip.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitDropped (598)	Unspecified
Description: The alarm is raised when the total number of exported routes from the route table to this RIP level drops below the configured export limit		

Table 32-466 RipExportLimitReached

Alarm	Attributes	Supported releases
Name: RipExportLimitReached (1928) Type: configurationAlarm (11) Package: rip Raised on class: rip.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitReached (599)	Unspecified
Description: The alarm is raised when the total number of routes for the level is equal to the configured limit for exported routes		

Table 32-467 RipExportLimitWarning

Alarm	Attributes	Supported releases
Name: RipExportLimitWarning (1929) Type: configurationAlarm (11) Package: rip Raised on class: rip.Site	Severity: warning Implicitly cleared: false Default probable cause: exportLimitWarning (600)	Unspecified
Description: The alarm is raised when the total number of exported routes or the level is equal to the configured percent, vRtrIsisExportLimitLogPercent of the export limit		

Table 32-468 ripRouteMaxLimitReached

Alarm	Attributes	Supported releases
Name: ripRouteMaxLimitReached (1090) Type: ProtocolAlarm (1) Package: rip Raised on class: rip.Site	Severity: warning Implicitly cleared: true Default probable cause: maxRouteReached (825)	Unspecified
Description: The alarm is raised when the number of RIP routes learned by an NE exceeds the maximum specified in the RIP configuration of the NE.		

Table 32-469 RouterLimitExceedDueToMultiAdditions

Alarm	Attributes	Supported releases
Name: RouterLimitExceedDueToMultiAdditions (602) Type: cpamLicensingAlarm (39) Package: security Raised on class: security.CpamLicense	Severity: critical Implicitly cleared: true Default probable cause: cpamRouterLimitExceedDueToMultiAdditions (448)	Unspecified
Description: The alarm is raised when the 5650 CPAM cannot discover one or more routers because the license capacity is reached.		
Raising condition: ('License violation due to multiple routers addition' EQUAL 'true')		
Clearing condition: ('License violation due to multiple routers addition' EQUAL 'false')		

Table 32-470 RPSFail

Alarm	Attributes	Supported releases
Name: RPSFail (1085) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: minor Implicitly cleared: true Default probable cause: receiverProtectionFail (824)	Unspecified
Description: The alarm is raised when a receiver protection switchover fails.		

Table 32-471 RxFail

Alarm	Attributes	Supported releases
Name: RxFail (687) Type: communicationsAlarm (4) Package: radioequipment Raised on class: radioequipment.RadioPortSpecifics	Severity: major Implicitly cleared: true Default probable cause: rxFail (502)	Unspecified
Description: The alarm is raised when an MSS detects a receive failure.		

Table 32-472 SapDHCPLeaseEntriesExceeded

Alarm	Attributes	Supported releases
Name: SapDHCPLeaseEntriesExceeded (386) Type: communicationsAlarm (4) Package: service Raised on class: service.AccessInterface	Severity: major Implicitly cleared: false Default probable cause: sapDHCPLeaseEntriesExceeded (290)	Unspecified
Description: The alarm is raised when the number of DHCP lease-state entries on a SAP reaches the configured maximum value. This value is defined by sapTlsDhcpLeasePopulate for a TLS VLAN service, and by vRtrIfDHCPLeasePopulate for an IES or VPRN service.		

Table 32-473 SapMismatch

Alarm	Attributes	Supported releases
Name: SapMismatch (417) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: false Default probable cause: remoteSapMismatch (310)	Unspecified
Description: The alarm is raised when the SRRP SAPs on the local interface do not match the SRRP SAPs on the remote interface.		

Table 32-474 sapReceivedProtSrcMac

Alarm	Attributes	Supported releases
Name: sapReceivedProtSrcMac (393) Type: accessInterfaceAlarm (40) Package: l2fwd Raised on class: l2fwd.AccessInterfaceFib	Severity: minor Implicitly cleared: false Default probable cause: ProtectedSourceMacLearned (294)	Unspecified
Description: The alarm is raised when a a restricted SAP receives a relearn request for a protected MAC address.		

Table 32-475 SapStaticHostDynamicMacConflict

Alarm	Attributes	Supported releases
Name: SapStaticHostDynamicMacConflict (313) Type: configurationAlarm (11) Package: antispoof Raised on class: antispoof.AntiSpoofingStaticHosts	Severity: minor Implicitly cleared: false Default probable cause: LearnedDynamicMacAlreadyLearned (243)	Unspecified
Description: The alarm is raised when an NE tries to learn a dynamic MAC address from an IP-only static host.		

Table 32-476 SapTagMismatch

Alarm	Attributes	Supported releases
Name: SapTagMismatch (418) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: false Default probable cause: remoteSyncTagMismatch (311)	Unspecified
Description: The alarm is raised when the tag of a local SAP does not match the tag of a remote SAP.		

Table 32-477 SapVlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: SapVlanSubTypeConflict (290) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Site	Severity: warning Implicitly cleared: false Default probable cause: topologyMisconfigured (81)	Unspecified
Description: The alarm is raised when a SAP resynchronization indicates that the VLAN subtype of the SAP is different from the site subtype. The alarm information includes the ID of the associated port.		

Table 32-478 scriptBackupLost

Alarm	Attributes	Supported releases
Name: scriptBackupLost (273) Type: configurationAlarm (11) Package: subscriber Raised on class: subscriber.Policy	Severity: warning Implicitly cleared: true Default probable cause: backupDown (205)	Unspecified
Description: The alarm is raised when the primary subscriber identification script URL is operationally up, but a lower-priority script or URL is operationally down.		
Raising condition: (('isLocal' EQUAL 'true') AND ('Primary Script Operational State' EQUAL 'Up') AND (('Secondary Script Operational State' NOT EQUAL 'Up') OR ('Tertiary Script Operational State' NOT EQUAL 'Up')))		
Clearing condition: (('isLocal' EQUAL 'true') AND (('Primary Script Operational State' NOT EQUAL 'Up') OR (('Secondary Script Operational State' EQUAL 'Up') AND ('Tertiary Script Operational State' EQUAL 'Up'))))		

Table 32-479 SdpBindingMisconfigured

Alarm	Attributes	Supported releases
Name: SdpBindingMisconfigured (293) Type: SdpBindingAlarm (30) Package: svt Raised on class: svt.SdpBinding	Severity: critical Implicitly cleared: true Default probable cause: returnSdpBindingTypeMismatch (224)	Unspecified
Description: The alarm is raised when the return SDP binding type does not match the originating SDP binding type, for example, when the return SDP binding is spoke and the originating SDP binding is mesh.		

Table 32-480 SdpMldSnpgGrpDroppedLimitExceeded

Alarm	Attributes	Supported releases
Name: SdpMldSnpgGrpDroppedLimitExceeded (738) Type: SdpBindingAlarm (30) Package: vpls Raised on class: vpls.SdpBindingMldSnpgCfg	Severity: warning Implicitly cleared: false Default probable cause: igmpSnpgGrpMaxNbrGrpsReached (292)	Unspecified
Description: The alarm is raised when an SDP binding drops an MLD group because the configurable maximum number of MLD groups on the SDP binding is reached.		

Table 32-481 SecondaryBatteryFail

Alarm	Attributes	Supported releases
Name: SecondaryBatteryFail (3624) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: secondaryBatteryFail (1412)	Unspecified
Description: The alarm is raised when the secondary battery fails or is missing.		

Table 32-482 secondExpirationThresholdCrossed

Alarm	Attributes	Supported releases
Name: secondExpirationThresholdCrossed (2913) Type: configurationAlarm (11) Package: ranlicense Raised on class: ranlicense.RANLicense	Severity: major Implicitly cleared: true Default probable cause: ageingLicense (1113)	Unspecified
Description: The alarm is raised when Second Expiration Threshold is crossed.		

Table 32-483 secondUsageThresholdCrossed

Alarm	Attributes	Supported releases
Name: secondUsageThresholdCrossed (2914) Type: configurationAlarm (11) Package: ranlicense Raised on class: ranlicense.RANLicense	Severity: major Implicitly cleared: true Default probable cause: insufficientPurchasedLicenses (1114)	Unspecified
Description: The alarm is raised when Second Usage Threshold is crossed.		

Table 32-484 SectionTraceMismatch

Alarm	Attributes	Supported releases
Name: SectionTraceMismatch (2943) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: sectionTraceMismatch (1133)	Unspecified
Description: The alarm is raised upon section trace mismatch.		

Table 32-485 SerialChannelLoopback

Alarm	Attributes	Supported releases
Name: SerialChannelLoopback (807) Type: configurationAlarm (11) Package: tdmequipment Raised on class: tdmequipment.SerialChannelSpecifics	Severity: warning Implicitly cleared: false Default probable cause: serialChannelLoopback (573)	Unspecified
Description: The alarm is raised when an NE reports that a serial channel has a loopback alarm condition.		

Table 32-486 SGLimitExceeded

Alarm	Attributes	Supported releases
Name: SGLimitExceeded (456) Type: resourceAlarm (28) Package: equipment Raised on class: equipment.Card	Severity: warning Implicitly cleared: false Default probable cause: pimSnpgSGGroupMaxSupportedLimitExceeded (350)	Unspecified
Description: The alarm is raised when the number of PIM snooping source group records on a card exceeds the maximum.		

Table 32-487 ShamLinkDbDescriptAuthFailure

Alarm	Attributes	Supported releases
Name: ShamLinkDbDescriptAuthFailure (663) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> authTypeMismatch authFailure 	Unspecified
Description: The alarm is raised when an NE receives a dbDescript packet on a sham link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-488 ShamLinkDbDescriptConfig

Alarm	Attributes	Supported releases
Name: ShamLinkDbDescriptConfig (664) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> badVersion areaMismatch unknownNbmaNbr unknownVirtualNbr netMaskMismatch helloIntervalMismatch deadIntervalMismatch optionMismatch mtuMismatch noError duplicateRouterId ifAdminDown ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a dbDescript packet on a sham link from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-489 ShamLinkHelloAuthFailure

Alarm	Attributes	Supported releases
Name: ShamLinkHelloAuthFailure (666) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> authTypeMismatch authFailure 	Unspecified
Description: The alarm is raised when an NE receives a hello packet on a sham link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-490 ShamLinkHelloConfig

Alarm	Attributes	Supported releases
Name: ShamLinkHelloConfig (667) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a hello packet on a sham link from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-491 ShamLinkLsAckAuthFailure

Alarm	Attributes	Supported releases
Name: ShamLinkLsAckAuthFailure (668) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives an lsAck packet on a sham link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-492 ShamLinkLsAckConfig

Alarm	Attributes	Supported releases
Name: ShamLinkLsAckConfig (669) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an lsAck packet on a sham link from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-493 ShamLinkLsReqAuthFailure

Alarm	Attributes	Supported releases
Name: ShamLinkLsReqAuthFailure (670) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives an lsReq packet on a sham link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-494 ShamLinkLsReqConfig

Alarm	Attributes	Supported releases
Name: ShamLinkLsReqConfig (671) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an LsReq packet on a sham link from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-495 ShamLinkLsUpdateAuthFailure

Alarm	Attributes	Supported releases
Name: ShamLinkLsUpdateAuthFailure (672) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives an LsUpdate packet on a sham link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-496 ShamLinkLsUpdateConfig

Alarm	Attributes	Supported releases
Name: ShamLinkLsUpdateConfig (673) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an lsUpdate packet on a sham link from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-497 ShamLinkNullPacketAuthFailure

Alarm	Attributes	Supported releases
Name: ShamLinkNullPacketAuthFailure (674) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives a null packet on a sham link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-498 ShamLinkNullPacketConfig

Alarm	Attributes	Supported releases
Name: ShamLinkNullPacketConfig (675) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a null packet on a sham link from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-499 ShamLinkRxBadPacket

Alarm	Attributes	Supported releases
Name: ShamLinkRxBadPacket (676) Type: communicationsAlarm (4) Package: ospf Raised on class: ospf.ShamLink	Severity: warning Implicitly cleared: false Default probable cause: hello (47) Applicable probable causes: <ul style="list-style-type: none"> • hello • dbDescript • lsReq • lsUpdate • lsAck • nullPacket 	Unspecified
Description: The alarm is raised when an NE cannot parse an OSPF packet that it receives on a sham link.		

Table 32-500 ShelfCPUAboveThreshold

Alarm	Attributes	Supported releases
Name: ShelfCPUAboveThreshold (638) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.HealthMonitoring	Severity: major Implicitly cleared: false Default probable cause: ShelfCPUUtilizationCrossedAboveThreshold (474)	Unspecified
Description: The alarm is raised when shelf CPU usage exceeds the threshold value.		

Table 32-501 ShelfMemoryAboveThreshold

Alarm	Attributes	Supported releases
Name: ShelfMemoryAboveThreshold (639) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.HealthMonitoring	Severity: major Implicitly cleared: false Default probable cause: ShelfMemoryUtilizationCrossedAboveThreshold (475)	Unspecified
Description: The alarm is raised when shelf memory usage exceeds the threshold value.		

Table 32-502 ShelfRxAboveThreshold

Alarm	Attributes	Supported releases
Name: ShelfRxAboveThreshold (640) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.HealthMonitoring	Severity: major Implicitly cleared: false Default probable cause: ShelfRxUtilizationCrossedAboveThreshold (476)	Unspecified
Description: The alarm is raised when shelf Rx exceeds the threshold value.		

Table 32-503 ShelfRXTxAboveThreshold

Alarm	Attributes	Supported releases
Name: ShelfRXTxAboveThreshold (641) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.HealthMonitoring	Severity: major Implicitly cleared: false Default probable cause: ShelfRXTxUtilizationCrossedAboveThreshold (477)	Unspecified
Description: The alarm is raised when shelf Tx exceeds the threshold value.		

Table 32-504 ShelfTemperatureAboveThreshold

Alarm	Attributes	Supported releases
Name: ShelfTemperatureAboveThreshold (642) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.HealthMonitoring	Severity: major Implicitly cleared: false Default probable cause: ShelfTemperatureUtilizationCrossedAboveThreshold (478)	Unspecified
Description: The alarm is raised when shelf temperature exceeds the threshold value.		

Table 32-505 SignalLabelMismatch

Alarm	Attributes	Supported releases
Name: SignalLabelMismatch (3625) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: signalLabelMismatch (619)	Unspecified
Description: The alarm is raised when a signal label mismatch occurs		

Table 32-506 SiteBgpAdVplsIdMisconfiguration

Alarm	Attributes	Supported releases
Name: SiteBgpAdVplsIdMisconfiguration (739) Type: configurationAlarm (11) Package: vpls Raised on class: vpls.BgpAdSite	Severity: major Implicitly cleared: true Default probable cause: bgpAdVplsIdInconsistent (439)	Unspecified
Description: The alarm is raised when the configured VPLS ID on a BGP AD object differs from the VPLS ID configured for the VPLS site.		

Table 32-507 SnmpAuthenticationFailure

Alarm	Attributes	Supported releases
Name: SnmpAuthenticationFailure (176) Type: authenticationAlarm (14) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: authFailure (46)	Unspecified
Description: The alarm is raised when an NE SNMP agent has received an SNMP message that is not properly authenticated. An NE typically does not, by default, send the notification that generates the alarm; the notification must be manually enabled through CLI.		

Table 32-508 SnmpTrapDropped

Alarm	Attributes	Supported releases
Name: SnmpTrapDropped (179) Type: communicationsAlarm (4) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: false Default probable cause: snmpDaemonOverloaded (141)	Unspecified
Description: The alarm is raised when the 5620 SAM receives a tmnxTrapDropped notification from an NE to indicate that the NE has dropped a trap. As a result, the 5620 SAM resynchronizes the table associated with the dropped trap.		

Table 32-509 SoftwareBootFailure

Alarm	Attributes	Supported releases
Name: SoftwareBootFailure (107) Type: softwareAlarm (19) Package: sw Raised on class: sw.CardSoftware	Severity: major Implicitly cleared: true Default probable cause: softwareBootProblem (91)	Unspecified
Description: The alarm is raised when an NE fails to boot because of a software problem.		

Table 32-510 SoftwareDownloading

Alarm	Attributes	Supported releases
Name: SoftwareDownloading (109) Type: softwareAlarm (19) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: softwareDownloading (93)	Unspecified
Description: The alarm is raised when an NE begins to download software to a IOM or CPM card.		

Table 32-511 SoftwareFailureAlarm

Alarm	Attributes	Supported releases
Name: SoftwareFailureAlarm (149) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.ReplaceableUnit	Severity: critical Implicitly cleared: true Default probable cause: loadFailed (124)	Unspecified
Description: The alarm is raised when the CPM fails to load the software from the specified location. The alarm information includes the software location.		

Table 32-512 SoftwareInitialized

Alarm	Attributes	Supported releases
Name: SoftwareInitialized (111) Type: softwareAlarm (19) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: softwareInitialized (95)	Unspecified
Description: The alarm is raised when software initialization on an IOM or CPM card completes.		

Table 32-513 SoftwareInitializing

Alarm	Attributes	Supported releases
Name: SoftwareInitializing (110) Type: softwareAlarm (19) Package: sw Raised on class: sw.CardSoftware	Severity: warning Implicitly cleared: true Default probable cause: softwareInitializing (94)	Unspecified
Description: The alarm is raised when software initialization on an IOM or CPM card begins.		

Table 32-514 SonetSDHLoopback

Alarm	Attributes	Supported releases
Name: SonetSDHLoopback (407) Type: configurationAlarm (11) Package: sonetequipment Raised on class: sonetequipment.SonetPortSpecifics	Severity: warning Implicitly cleared: false Default probable cause: sonetSDHLoopback (303)	Unspecified
Description: The alarm is raised when a loopback test is provisioned on a SONET/SDH port.		

Table 32-515 SSHServerPreserveKeyFailure

Alarm	Attributes	Supported releases
Name: SSHServerPreserveKeyFailure (406) Type: softwareAlarm (19) Package: equipment Raised on class: equipment.FlashMemory	Severity: critical Implicitly cleared: false Default probable cause: preserveKeyFailure (302)	Unspecified
Description: The alarm is raised when the CPM fails to save the SSH server host key on the persistent drive.		

Table 32-516 StandbyVersionMismatch

Alarm	Attributes	Supported releases
Name: StandbyVersionMismatch (1174) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: standbyVersionMismatch (875)	Unspecified
Description: The alarm is raised when there is a mismatch in the Standby Version of the node software.		

Table 32-517 subHostInconsistentAtmTdOvr

Alarm	Attributes	Supported releases
Name: subHostInconsistentAtmTdOvr (3685) Type: configurationAlarm (11) Package: ressubscr Raised on class: ressubscr.ResidentialSubscriberInstance	Severity: minor Implicitly cleared: false Default probable cause: tmnxSubHostInconsistentAtmTdOvr (1424)	Unspecified
Description: The alarm is raised when an AAA server (e.g. a RADIUS server) specifies an ATM Traffic Descriptor override for a subscriber host while it has already specified another one for another host on the same ATM Virtual Circuit.		

Table 32-518 SubnetMismatch

Alarm	Attributes	Supported releases
Name: SubnetMismatch (415) Type: configurationAlarm (11) Package: srrp Raised on class: srrp.Instance	Severity: major Implicitly cleared: true Default probable cause: ipAddressListMismatch (308)	Unspecified
Description: The alarm is raised when the IP address list received from the master does not match the local IP address list.		

Table 32-519 SubscrAuthPolicyMisconfigured (rtr)

Alarm	Attributes	Supported releases
Name: SubscrAuthPolicyMisconfigured (271) Type: ConfigurationAlarm (15) Package: rtr Raised on class: rtr.VirtualInterfaceConfiguration	Severity: warning Implicitly cleared: true Default probable cause: SubscrAuthPolicyNotFound (203)	Unspecified
Description: The alarm is raised when a subscriber authentication policy for DHCP relay is misconfigured.		

Table 32-520 SubscrAuthPolicyMisconfigured (vpls)

Alarm	Attributes	Supported releases
Name: SubscrAuthPolicyMisconfigured (271) Type: ConfigurationAlarm (15) Package: vpls Raised on class: vpls.L2AccessIrfDhcpRelayCfg	Severity: warning Implicitly cleared: true Default probable cause: SubscrAuthPolicyNotFound (203)	Unspecified
Description: The alarm is raised when a subscriber authentication policy for DHCP relay is misconfigured.		

Table 32-521 svcFdbMimDestTableFull

Alarm	Attributes	Supported releases
Name: svcFdbMimDestTableFull (588) Type: resourceAlarm (28) Package: netw Raised on class: netw.NetworkElement	Severity: warning Implicitly cleared: true Default probable cause: resourceLimitReached (131)	Unspecified
Description: The alarm is raised when the number of backbone MAC address indices on an NE reaches the maximum allowed value. The alarm clears when the number of backbone MAC address indices on the NE falls below 95 percent of the maximum allowed value.		

Table 32-522 SWIncompatibility

Alarm	Attributes	Supported releases
Name: SWIncompatibility (471) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.StackConfiguration	Severity: major Implicitly cleared: false Default probable cause: elementNotCompatibleWithExistingStack (357)	Unspecified
Description: The alarm is raised when a slot is not compatible with the current stack. The slot subsequently enters pass-through mode.		

Table 32-523 SynchronizationLossOfSignal

Alarm	Attributes	Supported releases
Name: SynchronizationLossOfSignal (799) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Shelf	Severity: major Implicitly cleared: true Default probable cause: lossOfSignal (99)	Unspecified
Description: The alarm is raised when an SLOS signal is detected on a PDH tributary.		

Table 32-524 synchroFailureAlarm

Alarm	Attributes	Supported releases
Name: synchroFailureAlarm (534) Type: softwareAlarm (19) Package: sw Raised on class: sw.SoftwareControlModule	Severity: major Implicitly cleared: false Default probable cause: synchroFailureAlarm (403)	Unspecified
Description: The alarm is raised when the flash card synchronization on an NE fails.		

Table 32-525 SynchronizationSignalFailure

Alarm	Attributes	Supported releases
Name: SynchronizationSignalFailure (2944) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: variable Implicitly cleared: true Default probable cause: synchronizationSignalFailure (1134)	Unspecified
Description: The alarm is raised when an synchronization signal failure occurs.		

Table 32-526 SystemModeChange

Alarm	Attributes	Supported releases
Name: SystemModeChange (1923) Type: equipmentAlarm (3) Package: optical Raised on class: optical.OpticalNeProperties	Severity: major Implicitly cleared: false Default probable cause: systemModeChange (923)	Unspecified
Description: The alarm is raised when an NE undergoes a system mode change, for ex. from SONET to SDH mode. The alarm information includes the Site ID, old system mode value and new system mode value.		

Table 32-527 TCAAlarmLimitReached

Alarm	Attributes	Supported releases
Name: TCAAlarmLimitReached (3687) Type: configurationAlarm (11) Package: server Raised on class: server.SamServer	Severity: variable Implicitly cleared: false Default probable cause: tooManyAlarmsRaisedByTCA (1426)	Unspecified
Description: The alarm is raised when a TCA execute server reaches the limit of alarms for an interval.		

Table 32-528 ThresholdCrossingAlarmCard

Alarm	Attributes	Supported releases
Name: ThresholdCrossingAlarmCard (2097) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.BaseCard	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when a card value crosses a threshold.		

Table 32-529 ThresholdCrossingAlarmPort

Alarm	Attributes	Supported releases
Name: ThresholdCrossingAlarmPort (2098) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: warning Implicitly cleared: false Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised when a port value crosses a threshold.		

Table 32-530 ThresholdCrossingMDAResvCBSAlarm

Alarm	Attributes	Supported releases
Name: ThresholdCrossingMDAResvCBSAlarm (3626) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.DaughterCard	Severity: variable Implicitly cleared: true Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised whenever the reserve cbs percent transitions from greens, amber and red thresholds.		

Table 32-531 ThresholdCrossingPortResvCBSAlarm

Alarm	Attributes	Supported releases
Name: ThresholdCrossingPortResvCBSAlarm (3627) Type: thresholdCrossed (6) Package: equipment Raised on class: equipment.PhysicalPort	Severity: variable Implicitly cleared: true Default probable cause: thresholdCrossed (12)	Unspecified
Description: The alarm is raised whenever the rserve cbs percent transitions from greens, amber and red thresholds.		

Table 32-532 TimingHoldover

Alarm	Attributes	Supported releases
Name: TimingHoldover (734) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: major Implicitly cleared: true Default probable cause: timingHoldover (511)	Unspecified
Description: The alarm is raised when the timing of an NE is in the Holdover state.		
Raising condition: (('Status' EQUAL 'Master Holdover'))		
Clearing condition: (('Status' NOT EQUAL 'Master Holdover'))		

Table 32-533 TimingReferenceOneNotQualified

Alarm	Attributes	Supported releases
Name: TimingReferenceOneNotQualified (545) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	Unspecified
Description: The alarm is raised when Timing Reference One on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 32-534 TimingReferenceTwoNotQualified

Alarm	Attributes	Supported releases
Name: TimingReferenceTwoNotQualified (546) Type: communicationsAlarm (4) Package: sonet Raised on class: sonet.SiteSync	Severity: minor Implicitly cleared: true Default probable cause: timingReferenceNotQualified (418)	Unspecified
Description: The alarm is raised when Timing Reference Two on an NE is not in the Qualified state.		
Raising condition: (('Qualified State' EQUAL 'Not Qualified'))		
Clearing condition: (('Qualified State' NOT EQUAL 'Not Qualified'))		

Table 32-535 TMNLossofSignal

Alarm	Attributes	Supported releases
Name: TMNLossofSignal (1920) Type: communicationsAlarm (4) Package: mpr Raised on class: mpr.MprTMN	Severity: variable Implicitly cleared: true Default probable cause: tmnLOS (920)	Unspecified
Description: This is raised when Loss of Signal occurs on the TMN Interface.		

Table 32-536 TooManyCpaaPerIsisArea

Alarm	Attributes	Supported releases
Name: TooManyCpaaPerIsisArea (385) Type: configurationAlarm (11) Package: topology Raised on class: topology.Cpaa	Severity: critical Implicitly cleared: true Default probable cause: tooManyCpaaPelsisArea (930)	Unspecified
Description: The alarm is raised when there are too many 7701 CPAA's for an ISIS L1 area.		

Table 32-537 TopologyIsisSystemError

Alarm	Attributes	Supported releases
Name: TopologyIsisSystemError (373) Type: topologyAlarm (34) Package: topology Raised on class: topology.AutonomousSystem	Severity: major Implicitly cleared: true Default probable cause: isisSystemNotAdvertisingTeRouterId (272)	Unspecified
Description: The alarm is raised when an IS-IS topology system error is detected.		

Table 32-538 TrailSignalFail

Alarm	Attributes	Supported releases
Name: TrailSignalFail (798) Type: communicationsAlarm (4) Package: bundle Raised on class: bundle.Interface	Severity: major Implicitly cleared: true Default probable cause: trailSignalFailure (565)	Unspecified
Description: The alarm is raised when a a local or remote failure in an IMA group generates a Trail Signal Fail message.		

Table 32-539 TransportServiceDown

Alarm	Attributes	Supported releases
Name: TransportServiceDown (2906) Type: serviceDown (88) Package: optical Raised on class: optical.TransportService	Severity: critical Implicitly cleared: true Default probable cause: PortOperationStateDown (1112)	Unspecified
Description: The alarm is raised when the Operational State of a XC is down or port Operational state is down.		

Table 32-540 TransportServiceMisConfigured

Alarm	Attributes	Supported releases
Name: TransportServiceMisConfigured (3602) Type: configurationAlarm (11) Package: optical Raised on class: optical.TransportService	Severity: critical Implicitly cleared: false Default probable cause: OchCrossConnectionTrailNameMismatch (1391)	Unspecified
Description: The alarm is raised in following cases - case 1 : when all the OCH Cross Connections of an OCH trail do not have the same Trail Name . In order for the auto wavekey processing to work properly, the XC name should be the same on all NEs of the OCH Trail.		

Table 32-541 TunnelElementCreationError

Alarm	Attributes	Supported releases
Name: TunnelElementCreationError (366) Type: configurationAlarm (11) Package: tunnelmgmt Raised on class: tunnelmgmt.TopologyRule	Severity: major Implicitly cleared: false Default probable cause: unableToCreateTunnelElement (263)	Unspecified
Description: The alarm is raised when the creation of a missing tunnel element fails.		

Table 32-542 TunnelElementDeleteError

Alarm	Attributes	Supported releases
Name: TunnelElementDeleteError (367) Type: configurationAlarm (11) Package: tunnelmgmt Raised on class: tunnelmgmt.TopologyRule	Severity: major Implicitly cleared: false Default probable cause: tunnelElementInUse (264)	Unspecified
Description: The alarm is raised when the deletion of an obsolete or unused tunnel element fails.		

Table 32-543 TunnelOverbooked

Alarm	Attributes	Supported releases
Name: TunnelOverbooked (590) Type: resourceAlarm (28) Package: svt Raised on class: svt.Tunnel	Severity: warning Implicitly cleared: false Default probable cause: tunnelOverbooked (442)	Unspecified
Description: The alarm is raised when the allocated SDP binding bandwidth specified by sdpBookedBandwidth exceeds the sdpMaxBookableBandwidth value.		
Clearing condition: ('SDP Available Bandwidth' NOT EQUAL '0')		

Table 32-544 TwampSrvInactivityTimeout

Alarm	Attributes	Supported releases
Name: TwampSrvInactivityTimeout (3319) Type: communicationsAlarm (4) Package: sas Raised on class: sas.TwampSrv	Severity: major Implicitly cleared: true Default probable cause: TWAMPServerInactivityTimeout (1158)	Unspecified
Description: This alarm is raised when TWAMP Server InactivityTimeout notification is generated when a TWAMP control connection was disconnected by the TWAMP server because the connection was inactive for a period exceeding the server's inactivity timeout. As a result the TWAMP client cannot request test runs on the disconnected connection. To recover, check the IP connectivity between this node and the TWAMP client.		

Table 32-545 TwampSrvMaxConnsExceeded

Alarm	Attributes	Supported releases
Name: TwampSrvMaxConnsExceeded (3320) Type: communicationsAlarm (4) Package: sas Raised on class: sas.TwampSrv	Severity: major Implicitly cleared: true Default probable cause: TWAMPServerMaxConnsExceeded (1159)	Unspecified
Description: This alarm is raised when a TWAMP control connection could not be established by the TWAMP server because the system-level maximum number of concurrent TWAMP control connections has been reached. [EFFECT] The TWAMP client cannot request test runs on the rejected connection. [RECOVERY] Configure the system-level maximum number of concurrent TWAMP control connections to a larger value, or disconnect any TWAMP control connection.'		

Table 32-546 TwampSrvMaxSessExceeded

Alarm	Attributes	Supported releases
Name: TwampSrvMaxSessExceeded (3321) Type: communicationsAlarm (4) Package: sas Raised on class: sas.TwampSrv	Severity: major Implicitly cleared: true Default probable cause: TWAMPServerMaxSessExceeded (1160)	Unspecified
Description: This alarm is raised when when a TWAMP session could not be established by the TWAMP server because the system-level maximum number of concurrent TWAMP sessions (tmnxTwampSrvMaxSessions) has been reached. [EFFECT] The TWAMP client cannot request test runs on the rejected session. [RECOVERY] Configure the system-level maximum number of concurrent TWAMP sessions to a larger value, or disconnect any TWAMP session.'		

Table 32-547 TwampSrvPfxMaxConnsExceeded

Alarm	Attributes	Supported releases
Name: TwampSrvPfxMaxConnsExceeded (3322) Type: communicationsAlarm (4) Package: sas Raised on class: sas.TwampSrv	Severity: major Implicitly cleared: true Default probable cause: TWAMPServerPrefixMaxConnsExceeded (1161)	Unspecified
Description: This alarm is raised when when a TWAMP control connection could not be established by the TWAMP server because the maximum number of concurrent TWAMP control connections configured against the TWAMP client's prefix (TwampSrvPrefixMaxConnections) has been reached. [EFFECT] The TWAMP client cannot request test runs on the rejected connection. [RECOVERY] Configure the prefix's maximum number of concurrent TWAMP control connections to a larger value, or disconnect a TWAMP control connection which uses the prefix.		

Table 32-548 TwampSrvPfxMaxSessExceeded

Alarm	Attributes	Supported releases
Name: TwampSrvPfxMaxSessExceeded (3323) Type: communicationsAlarm (4) Package: sas Raised on class: sas.TwampSrv	Severity: major Implicitly cleared: true Default probable cause: TWAMPServerPrefixMaxSessExceeded (1162)	Unspecified
Description: This alarm is raised when a TWAMP session could not be established by the TWAMP server because the maximum number of concurrent TWAMP sessions configured against the TWAMP client's prefix (tmnxTwampSrvPrefixMaxSessions) has been reached. [EFFECT] The TWAMP client cannot request test runs on the rejected session. [RECOVERY] Configure the prefix's maximum number of concurrent TWAMP sessions to a larger value, or disconnect a TWAMP session which uses the prefix.'		

Table 32-549 TxFail

Alarm	Attributes	Supported releases
Name: TxFail (1175) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Equipment	Severity: major Implicitly cleared: true Default probable cause: txFail (876)	Unspecified
Description: The alarm is raised when a transmitter failure occurs.		

Table 32-550 TxRetransmit

Alarm	Attributes	Supported releases
Name: TxRetransmit (266) Type: communicationsAlarm (4) Package: ospf Raised on classes: <ul style="list-style-type: none"> ospf.ShamLink ospf.VirtualLink 	Severity: warning Implicitly cleared: false Default probable cause: hello (47) Applicable probable causes: <ul style="list-style-type: none"> hello dbDescript lsReq lsUpdate lsAck nullPacket 	Unspecified
Description: The alarm is raised when an NE retransmits an OSPF packet on a non-virtual interface. The alarm information includes the NE ID of the OSPF neighbor.		

Table 32-551 UnavailableTime

Alarm	Attributes	Supported releases
Name: UnavailableTime (644) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: true Default probable cause: unavailableTime (480)	Unspecified
Description: The alarm is raised when a port experiences 10 consecutive SES.		

Table 32-552 UnconfiguredEquipmentPresent

Alarm	Attributes	Supported releases
Name: UnconfiguredEquipmentPresent (645) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: warning Implicitly cleared: true Default probable cause: unconfiguredEquipmentPresent (481)	Unspecified
Description: The alarm is raised when unconfigured equipment is detected.		

Table 32-553 UnderlyingResourceDegrade

Alarm	Attributes	Supported releases
Name: UnderlyingResourceDegrade (1176) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: minor Implicitly cleared: true Default probable cause: underlyingResourceDegrade (877)	Unspecified
Description: The alarm is raised when an underlying resource degrade happens on the radio interface.		

Table 32-554 UnderlyingResourceUnavailable

Alarm	Attributes	Supported releases
Name: UnderlyingResourceUnavailable (1131) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: underlyingResourceUnavailable (724)	Unspecified
Description: The alarm is raised when an underlying resource is unavailable on an E1, radio, or Ethernet interface.		

Table 32-555 UnderlyingResourceUnavailableService

Alarm	Attributes	Supported releases
Name: UnderlyingResourceUnavailableService (1177) Type: communicationsAlarm (4) Package: equipment Raised on class: equipment.Port	Severity: variable Implicitly cleared: true Default probable cause: underlyingResourceUnavailableService (878)	Unspecified
Description: The alarm is raised when an underlying resource service is unavailable on an E1, radio, or Ethernet interface.		

Table 32-556 VersionMismatch

Alarm	Attributes	Supported releases
Name: VersionMismatch (646) Type: equipmentAlarm (3) Package: equipment Raised on class: equipment.Equipment	Severity: minor Implicitly cleared: true Default probable cause: versionMismatch (405)	Unspecified
Description: The alarm is raised when an ODU software version mismatch is detected.		

Table 32-557 VirtualLinkDbDescriptAuthFailure

Alarm	Attributes	Supported releases
Name: VirtualLinkDbDescriptAuthFailure (61) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> authTypeMismatch authFailure 	Unspecified
Description: The alarm is raised when an NE receives a dbDescript packet on a virtual link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-558 VirtualLinkDbDescriptConfig

Alarm	Attributes	Supported releases
Name: VirtualLinkDbDescriptConfig (55) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> badVersion areaMismatch unknownNbmaNbr unknownVirtualNbr netMaskMismatch helloIntervalMismatch deadIntervalMismatch optionMismatch mtuMismatch noError duplicateRouterId ifAdminDown ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a dbDescript packet on a virtual link from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-559 VirtualLinkHelloAuthFailure

Alarm	Attributes	Supported releases
Name: VirtualLinkHelloAuthFailure (60) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> authTypeMismatch authFailure 	Unspecified
Description: The alarm is raised when an NE receives a hello packet on a virtual link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-560 VirtualLinkHelloConfig

Alarm	Attributes	Supported releases
Name: VirtualLinkHelloConfig (54) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a hello packet on a virtual link from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-561 VirtualLinkLsAckAuthFailure

Alarm	Attributes	Supported releases
Name: VirtualLinkLsAckAuthFailure (64) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives an lsAck packet on a virtual link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-562 VirtualLinkLsAckConfig

Alarm	Attributes	Supported releases
Name: VirtualLinkLsAckConfig (58) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an lsAck packet on a virtual link from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-563 VirtualLinkLsReqAuthFailure

Alarm	Attributes	Supported releases
Name: VirtualLinkLsReqAuthFailure (62) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives an lsReq packet on a virtual link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-564 VirtualLinkLsReqConfig

Alarm	Attributes	Supported releases
Name: VirtualLinkLsReqConfig (56) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an LsReq packet on a virtual link from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-565 VirtualLinkLsUpdateAuthFailure

Alarm	Attributes	Supported releases
Name: VirtualLinkLsUpdateAuthFailure (63) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives an LsReq packet on a virtual link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-566 VirtualLinkLsUpdateConfig

Alarm	Attributes	Supported releases
Name: VirtualLinkLsUpdateConfig (57) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives an LsUpdate packet on a virtual link from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-567 VirtualLinkNullPacketAuthFailure

Alarm	Attributes	Supported releases
Name: VirtualLinkNullPacketAuthFailure (65) Type: authenticationAlarm (14) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: authTypeMismatch (45) Applicable probable causes: <ul style="list-style-type: none"> • authTypeMismatch • authFailure 	Unspecified
Description: The alarm is raised when an NE receives a null packet on a virtual link from an NE whose authentication key or authentication type conflicts with the local NE authentication key or authentication type.		

Table 32-568 VirtualLinkNullPacketConfig

Alarm	Attributes	Supported releases
Name: VirtualLinkNullPacketConfig (59) Type: configurationAlarm (11) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: badVersion (35) Applicable probable causes: <ul style="list-style-type: none"> • badVersion • areaMismatch • unknownNbmaNbr • unknownVirtualNbr • netMaskMismatch • helloIntervalMismatch • deadIntervalMismatch • optionMismatch • mtuMismatch • noError • duplicateRouterId • ifAdminDown • ifPassive 	Unspecified
Description: The alarm is raised when an NE receives a null packet on a virtual link from an NE whose configuration parameters conflict with the local NE configuration parameters.		

Table 32-569 VirtualLinkRxBadPacket

Alarm	Attributes	Supported releases
Name: VirtualLinkRxBadPacket (66) Type: communicationsAlarm (4) Package: ospf Raised on class: ospf.VirtualLink	Severity: warning Implicitly cleared: false Default probable cause: hello (47) Applicable probable causes: <ul style="list-style-type: none"> • hello • dbDescript • lsReq • lsUpdate • lsAck • nullPacket 	Unspecified
Description: The alarm is raised when an NE cannot parse an OSPF packet that it receives on a virtual interface.		

Table 32-570 VirtualRouterDown

Alarm	Attributes	Supported releases
Name: VirtualRouterDown (277) Type: configurationAlarm (11) Package: vrrp Raised on class: vrrp.VrrpVirtualRouter	Severity: major Implicitly cleared: true Default probable cause: virtualRouterDown (210)	Unspecified
Description: The alarm is raised when the aggregated Operational State of a VR is Down.		
Raising condition: (('Aggregated Operational State' EQUAL 'Down'))		
Clearing condition: (('Aggregated Operational State' NOT EQUAL 'Down'))		

Table 32-571 VlanSubTypeConflict

Alarm	Attributes	Supported releases
Name: VlanSubTypeConflict (227) Type: configurationAlarm (11) Package: vlan Raised on class: vlan.Vlan	Severity: major Implicitly cleared: true Default probable cause: topologyMisconfigured (81)	Unspecified
Description: The alarm is raised when more than one type of VLAN service has the same VLAN ID. The alarm is raised against a service.		
Raising condition: ('vlanSubTypeConflict' EQUAL 'true')		
Clearing condition: ('vlanSubTypeConflict' EQUAL 'false')		

Table 32-572 VoiceChannelLoopback

Alarm	Attributes	Supported releases
Name: VoiceChannelLoopback (1148) Type: configurationAlarm (11) Package: tdmequipment Raised on class: tdmequipment.VoiceChannelSpecifics	Severity: warning Implicitly cleared: false Default probable cause: voiceChannelLoopback (854)	Unspecified
Description: The alarm is raised when an NE reports that a voice channel has a loopback alarm condition.		

Table 32-573 vPortHostMatchFailure

Alarm	Attributes	Supported releases
Name: vPortHostMatchFailure (3628) Type: configurationAlarm (11) Package: equipment Raised on class: equipment.Port	Severity: major Implicitly cleared: false Default probable cause: tPortEgrVPortHostMatchFailure (1413)	Unspecified
Description: The alarm is raised when a host match lookup failed to resolve a specific port egress virtual port.		

Customer documentation and product support



Customer documentation

<http://www.alcatel-lucent.com/myaccess>

Product manuals and documentation updates are available at [alcatel-lucent.com](http://www.alcatel-lucent.com). If you are a new user and require access to this service, please contact your Alcatel-Lucent sales representative.



Technical Support

<http://support.alcatel-lucent.com>



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