

Alarm categories

Cisco Optical Network Controller classifies alarms under these categories:

- SYSTEM
- EQUIPMENT
- MAINTENANCE
- CONC_SYSTEM
- TRANSPORT
- PROTECTION
- TIMING
- SECURITY
- OPTICAL
- TCA

You may see the following alarm categories:

- **UNKNOWN**: When Cisco Optical Network Controller receives an alarm from Cisco Optical Site Manager that is not in the following list.
- **NA**: This category is displayed when Cisco Optical Network Controller has an internal issue and cannot get the category info

Severity and Impact abrevations

These abbreviations are used in the Severity and Impact columns of the alarms table in this chapter:

Severity

- NA – Not Alarmed
- CR – Critical
- MN – Minor
- MJ – Major

Impact

- SA – Service Affecting
- NSA – Not Service Affecting

SYSTEM alarm details

This table lists the alarm details for the SYSTEM category.

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
AUD-ARCHIVE-FAIL	Archival of Audit Log Failed	–	–	Event	NE SYSTEM/NCS2K/SYSTEM
AUD-LOG-LOSS	Audit Log 100 Percent Full - Oldest records will be lost	NA	NSA	Alarm	NE SYSTEM/NCS2K/SYSTEM
AUD-LOG-LOW	Audit Log 80 Percent Full	NR	NSA	Alarm	NE/NCS2K
BAD-DB-DETECTED	Bad Database Detected And Database Load Failed	CR	SA	Alarm	NE/NCS2K
BAND-PARTNER-NODE-UNPAIRED	Node is unpaired from band partner node	NA	NSA	Alarm	CARD/NCS1K
COMMIT-REPLACE-FAILED	Configuration commit replace failed	MJ	SA	Alarm	NE/NCS1K
CONFIG-INCONSISTENCY	Configuration is in inconsistent state	CR	SA	Alarm	NE/NCS1K
CP-UNVER-CLEARED	Control Plane Unverified Cleared Alarms Present	CR	SA	Alarm	NE/NCS2K
DATAFLT	Software Fault - Data Integrity Fault	MN	NSA	Alarm	NE/NCS2K
DBBACKUP-FAIL	Database Backup Failed	–	–	Event	NE SYSTEM/NCS2K/SYSTEM
DBBACKUP-IN-PROGRESS	Database Backup In Progress	–	–	Alarm	SYSTEM/SYSTEM
DBOSYNC	Standby Database Out of Sync	MJ	SA	Alarm	NE/NCS2K
DBREST-IN-PROGRESS	Database Restore In Progress	no result	–	Alarm	SYSTEM/SYSTEM
DBRESTORE-FAIL	Database Restore Failed	–	–	Event	NE SYSTEM/NCS2K/SYSTEM
DEGREE-MISMATCH	Degree Mismatch	–	–	Alarm	OPT/SYSTEM

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
DISK-SPACE-FULL	No Space Left On Device	CR	SA	Alarm	SYSTEM/SYSTEM
DISK-SPACE-LOW	Low Disk Space Remaining On Device	CR	SA	Alarm	SYSTEM/SYSTEM
DR-UNAVAILABLE	Disaster recovery boot is currently unavailable due to a missing or corrupted chassis SSD. If an install transaction is in progress, this cannot be cleared until the transaction is completed	CR	SA	Alarm	SHELF/NCS1K
DUP-IPADDR	IP Address A1ready In Use Within The Same DCC Area	MN	NSA	Alarm	NE/NCS2K
DUP-NODENAME	Node name already in use within the same DCC Area	MN	NSA	Alarm	NE/NCS2K
DUP-SHELF-ID	Duplicated Shelf Identifier	MJ	SA	Alarm	SHELF/NCS2K
EVAL-LIC	Evaluation License Is In Use	MN	NSA	Alarm	CARD/NCS2K
EXT	Failure Detected External To The NE	MN	NSA	Alarm	ENVALRM/NCS2K
HELLO	OSPF Hello Fail	MN	NSA	Alarm	OPT OTUk OCn STMn ETH/NCS2K
INSTALL-IN-PROGRESS	SW Installation In Progress	NA	NSA	Alarm	CARD/NCS1K
INVALID-SYSDB	Invalid System DB	MN	NSA	Alarm	CARD/NCS2K
INVMACADR	Invalid MAC Address	MN	NSA	Alarm	BACKPLANE/NCS2K
LCMODE-CONFIG-CHANGED	LCMODE changed, delete the datapath config and reload line card	MJ	NSA	Alarm	CARD/NCS1K
LCMODE-CONFIG-INVALID	LC Mode Configuration Invalid	CR	SA	Alarm	CARD/NCS1K
LCMODE-NOT-CONFIG	LC Mode Configuration Not Applied	MJ	SA	Alarm	CARD/NCS1K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
LIC-COMM-FAIL	Communications Failure With Cisco Licensing Cloud	MJ	NSA	Alarm	CARD SHELF/NCS1K
LIC-EXPIRED	License Expired	CR	SA	Alarm	CARD/NCS2K
LIC-EXPIRING-SHORTLY	License Will Expire Within 24 Hours	MJ	SA	Alarm	CARD/NCS2K
LIC-EXPIRING-SOON	License Will Expire At Any Time After 1 Day But Before 14 Days	MJ	SA	Alarm	CARD/NCS2K
LIC-MISSING	License Is Missing	CR	SA	Alarm	CARD/NCS2K
LIC-OUT-OF-COMPL	One Or More Entitlements Are Out Of Compliance	MJ	–	Alarm	CARD SHELF/NCS1K
LIC-SIA-OF-COMPL-UPGRADE-BLOCKED	SW Upgrade will be blocked as SIA Grace Period has expired	MJ	SA	Alarm	CARD SHELF/NCS1K
LIC-SIA-OUT-OF-COMPL-GP-REM	SW Upgrade is still allowed as SIA Grace Period is remaining	MN	NSA	Alarm	CARD SHELF/NCS1K
LIC-UPGRADE-OF-COMPL-UPGRADE-BLOCKED	SW Upgrade will be blocked as Upgrade License Grace Period has expired	MJ	SA	Alarm	CARD SHELF/NCS1K
LIC-UPGRADE-OUT-OF-COMPL-GP-REM	SW Upgrade is still allowed as Upgrade License Grace Period is remaining	MJ	SA	Alarm	CARD SHELF/NCS1K
LINK-BROKEN	Ha link Broken	MJ	SA	Alarm	SYSTEM/SYSTEM
LOGIN-MISSING-GROUP	Missing Authorization Group Information	–	–	Event	SYSTEM/SYSTEM
NE-CONFIG-INCONSISTENT	Device has the Config Blocked due to an Inconsistency	–	–	Event	NE/SYSTEM
NE-DISCONNECTED	Connection To Managed NE Lost	MJ	SA	Alarm	NE/SYSTEM
NE-EVENT-DISCONNECTED	Event Channel To Managed NE Lost	MJ	SA	Alarm	NE/SYSTEM

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
NE-NOT-AUTH-ACCESS	Not Authorised Access To Managed NE	MJ	–	Alarm	NE/SYSTEM
NE-VER-NOT-SUPP	Not Supported Version Of Managed NE	MJ	SA	Alarm	NE/SYSTEM
NEIGHBOUR-MISSING	Neighbour not found	MN	NSA	Alarm	OPT/NCS1K
NO-VALID-USB-DB	No Valid USB DB exists	MN	NSA	Alarm	USB_FLASH/NCS2K
NODE-FACTORY-MODE	Node in Factory Mode	CR	–	Alarm	NE/NCS2K
NODE-INCONSISTENCIES	Owner and/or partner packages on at least one node do not match the active RP	MJ	–	Alarm	NE/NCS1K
OTN-XP-DP-FPD-PKG-MISSING	OTN XP Data Plane FPD Package Missing	NA	NSA	Alarm	CARD/NCS1K
PATCH-ACTIVATION-FAILED	Patch Activation Failed	CR	SA	Alarm	CARD/NCS2K
PATCH-DOWNLOAD-FAILED	Patch Download Failed	CR	SA	Alarm	NE/NCS2K
PROV-FAILED	Provisioning Failed	–	–	Alarm	CARD OPT/NCS1K
PROV-INPROGRESS	Provisioning In Progress	–	–	Alarm	SHELF CARD PPM ODUk OCH OPT OTUk/NCS1K
RESOURCES-LOW	Running Low On Resources	–	–	Alarm	CARD/NCS2K
ROLE-SWITCH-ACTIVE	Role is Switched to active	–	–	Event	SYSTEM/SYSTEM
ROUTE-OVERFLOW	OSPF Routing Table Overflow	MN	NSA	Alarm	NE/NCS2K
SFTWDOWN	Software Download In Progress	MN	NSA	Alarm	NE/NCS2K
SFTWDOWN-FAIL	Software Download Failed	MN	NSA	Alarm	NE/NCS2K
SNTP-HOST	NTP/SNTP Host Failure	MN	NSA	Alarm	NE CARD SYSTEM/NCS2K/ NCS2K-SVO-K9/SYSTEM
SOFT-VERIF-FAIL	Software Signature Verification Failed	CR	SA	Alarm	NE/NCS2K
SW-MISMATCH	Software Mismatch	NA	NSA	Alarm	CARD/NCS2K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
SYSBOOT	System Reboot	MJ	SA	Alarm	NE SYSTEM/NCS2K/SYSTEM
TEMP-LIC	Temporary License Is In Use	MN	NSA	Alarm	CARD/NCS2K
UNTRUSTED-APPLICATION	Trust Not Established With CSLU/CSSM	CR	NSA	Alarm	SYSTEM/SYSTEM
USAGE-NOT-REPORTED	Licenses Usage Is Not Reported	MJ	NSA	Alarm	SYSTEM/SYSTEM
WRMRESTART	Warm Restart	–	–	Event	NE/NCS2K

EQUIPMENT alarm details

This table lists the alarm details for the EQUIPMENT category.

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
ACT-SOFT-VERIF-FAIL	Active Volume Software Signature Verification Failed	CR	SA	Alarm	CARD/NCS2K
AUTORESET	Automatic System Reset	MN	NSA	Alarm	CARD/NCS2K
AVST-FAILURE	AVST Failure	MJ	NSA	Alarm	CARD/NCS1K
AWG-DEG	AWG Temperature Degrade	MN	NSA	Alarm	OPT/NCS2K
AWG-FAIL	AWG Temperature Failure	CR	SA	Alarm	OPT/NCS2K
AWG-OVERTEMP	AWG Over-Temperature	CR	SA	Alarm	OPT/NCS2K
AWG-WARM-UP	AWG Warm Up	NA	NSA	Alarm	OPT/NCS2K
BAT-FAIL	Battery Failure	MJ	SA	Alarm	PWR/NCS2K
BIOS-IMAGE-CORRUPTION	BIOS image corruption	MJ	NSA	Alarm	CARD/NCS1K
BKUPMEMP	Primary Non-Volatile Backup Memory Failure	CR	NSA	Alarm	CARD USB_FLASH/NCS2K
BP-FPGA-IMAGE-CORRUPTION	BP FPGA Image Corruption	MJ	NSA	Alarm	CARD/NCS1K
BP-FPGA-PCIE-ERROR	BP FPGA PCIE Error	MJ	SA	Alarm	CARD/NCS1K
BP-FPGA-XR-EP-FPGA-PCIE-ERROR	BP FPGA XR EP FPGA PCIe Error	MJ	NSA	Alarm	CARD/NCS1K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
CARD-IS-SHUTDOWN	Card failed to come up after multiple recovery attempts	CR	SA	Alarm	CARD/NCS1K
CARD-UNREACHABLE	RemoteCard Not Reachable For Key Exchange. Retrying ...	CR	SA	Alarm	PORT/NCS2K
CASETEMP-DEG	Case Temperature Degrade	MN	NSA	Alarm	OPT/NCS2K
CLDRESTART	Cold Restart	NA	NSA	Alarm	CARD/NCS2K
COMM-FAIL	Plug-in Module Communication Failure	MN	NSA	Alarm	CARD/NCS2K/NCS1K
COMP-CARD-MISSING	Companion Card Missing	MN	NSA	Alarm	CARD/NCS2K
CONTBUS-A-18	Controller Card A To DCC A Processor Communication Failure	MJ	NSA	Alarm	CARD/NCS2K
CONTBUS-B-18	Controller Card B To DCC B Processor Communication Failure	MN	NSA	Alarm	CARD/NCS2K
CONTBUS-CLK-A	Clock Bus Failure - Shelf Controller A	MJ	NSA	Alarm	CARD/NCS2K
CONTBUS-CLK-B	Clock Bus Failure - Shelf Controller B	MJ	NSA	Alarm	CARD/NCS2K
CONTBUS-DISABLED	Slot Communication Disabled	CR	SA	Alarm	CARD/NCS2K
CONTBUS-IO-A	Peer To Peer Slot Communication Failure	MN	NSA	Alarm	CARD/NCS2K
CONTBUS-IO-B	Peer To Peer Slot Communication Failure	MN	NSA	Alarm	CARD/NCS2K
COOL-MISM	Cooling Profile Mismatch	NR	SA	Alarm	FAN_TRAY/NCS2K
CPP-INCAPABLE	Card/Ports Unable To Provide Protection	NA	NSA	Alarm	CARD/NCS2K
CPU-FPGA-PCIE-ERROR	CPU FPGA PCIe Error	MJ	NSA	Alarm	CARD/NCS1K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
DSP-COMM-FAIL	DSP Communication Failure	MJ	SA	Alarm	OCH/NCS2K
DSP-FAIL	DSP Failure	MJ	SA	Alarm	OCH/NCS2K
EHIBATVG	Extreme High Volt	MJ	SA	Alarm	PWR/NCS2K
ELWBATVG	Extreme Low Volt	MJ	SA	Alarm	PWR/NCS2K
EPROM-SUDI-SN-MISMATCH	Card Serial Number and Certificate Serial Number Mismatch	MJ	NSA	Alarm	CARD/NCS2K
EQPT	Equipment Failure	CR	SA	Alarm	CARD ECU LCD_FLASH PPM/NCS2K
EQPT-DEGRADE	Equipment Degrade	MN	NSA	Alarm	CARD/NCS2K/NCS1K
EQPT-DIAG	Diagnostic Failure	CR	SA	Alarm	CARD/NCS2K
EQPT-FAIL	Board Failure	MJ	SA	Alarm	CARD PPM NE/NCS2K/NCS1K
EQPT-FPGA-IMAGE-AVAILABLE	Different FPGA Image Available	NR	NSA	Alarm	CARD/NCS2K
EQPT-MISS	Replaceable Equipment/Unit is Missing	CR	SA	Alarm	CARD FAN_TRAY ECU LCD_FLASH PWR/NCS2K
ETH-LINKLOSS	Rear Panel Ethernet Link Removed	NA	NSA	Alarm	NE/NCS2K
FAN	Fan Failure	CR	SA	Alarm	FAN_TRAY/NCS2K/NCS1K
FAN-OUT-OF-TOLERANCE	Fan Out of tolerance	MN	NSA	Alarm	FAN_TRAY FAN_ENV/NCS1K
FAN-POWER-ERROR	FAN tray Power Error	MJ	NSA	Alarm	FAN_TRAY/NCS1K
FAN-SENSOR-FAILED	Sensor in failed state	MJ	SA	Alarm	FAN_TRAY FAN_ENV/NCS1K
FANDEGRADE	Partial Fan Failure	MN	NSA	Alarm	FAN_TRAY/NCS2K/NCS1K
FEED-MISMATCH	Feed Not Available/Improper Connection	MN	NSA	Alarm	PWR/NCS2K
FIBERTEMP-DEG	Fiber Temperature Degrade	MN	NSA	Alarm	OPT/NCS2K
FIRMWARE-DOWNLOAD	Firmware Download In Progress	–	–	Event	CARD PPM/NCS2K
FIRMWARE-UPG	Firmware Upgrade In Progress	NA	NSA	Alarm	CARD PPM/NCS2K
FIRMWARE-UPG-COMPLETE	Firmware Upgrade Completed	–	–	Event	CARD PPM/NCS2K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
FIRMWARE-UPG-FAIL	Firmware Upgrade Failed	MJ	SA	Alarm	CARD PPM/NCS2K
FLASH0-ERROR	CPU Flash 0 Error	MJ	NSA	Alarm	CARD/NCS1K
FLASH1-ERROR	CPU Flash 1 Error	MJ	NSA	Alarm	CARD/NCS1K
FPD-UPG-REQUIRED	Firmware upgrade required	MJ	NSA	Alarm	PPM CARD SHELF FAN_TRAY PWR/NCS2K/NCS1K
FPGA-ERROR	BP FPGA Error	MJ	NSA	Alarm	CARD/NCS1K
FPGA-SEU-UNCORR	BP FPGA SEU Uncorrected Error	CR	SA	Alarm	CARD/NCS1K
FPGA-UPGRADE-FAILED	FPGA Upgrade fail	CR	SA	Alarm	CARD/NCS2K/NCS1K
FTA-MISMATCH	FanTray Mismatch	NA	NSA	Alarm	CARD/NCS2K
HI-LASERBIAS	Equipment High Laser Bias	MN	NSA	Alarm	OCH PORT PPM/NCS2K/ NCS2K-SVO-K9/NCS1K
HI-LASERTEMP	Equipment High Laser Temp	MN	NSA	Alarm	OCH/NCS2K
HI-TXPOWER	Equipment High Tx power	MJ	SA	Alarm	OCH PORT PPM/NCS2K/ NCS2K-SVO-K9/NCS1K
HIBATVG	High Volt	CR	SA	Alarm	PWR/NCS2K
HIGH-VOLTAGE	high voltage alarm	CR	SA	Alarm	CHASSIS_ENV_VOLTAGE MODULE_ENV_VOLTAGE/NCS1K
HITEMP	High Temperature	CR	SA	Alarm	CARD/NCS2K
HITEMP	High Temperature	NA	NSA	Alarm	NE/NCS2K
I-HITEMP	Industrial High Temperature	NA	NSA	Alarm	NE/NCS2K
IMPROPRMVL	Improper Removal	MN	NSA	Alarm	CARD PPM PORT SHELF FAN_TRAY/NCS2K /NCS2K-SVO-K9/SYSTEM/NCS1K
IMPROPRMVL-FS	Improper removal of Fiber Shuffle	MJ	SA	Alarm	PASSIVE_SHELF/NCS2K
INVALID-CARD-SLOT	Invalid Card Slot	MJ	NSA	Alarm	CARD/NCS1K
INVALID-SENSOR-READ-ERR	Invalid sensor read error	MN	NSA	Alarm	CHASSIS_ENV_VOLTAGE MODULE_ENV_ VOLTAGE/NCS1K
LAN-POL-REV	Lan Connection Polarity Reversed	MJ	NSA	Alarm	NE/NCS2K
LASERBIAS-DEG	Laser Bias Degrade	MN	NSA	Alarm	OCH/NCS2K
LASERBIAS-FAIL	Laser Bias Failure	CR	SA	Alarm	OCH/NCS2K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
LASEREOL	Laser Approaching End of Life	MJ	NSA	Alarm	OCH/NCS2K
LASERTEMP-DEG	Laser Temperature Degrade	MJ	SA	Alarm	OCH/NCS2K
LC-BOOT-TIMEOUT	LC Boot Timeout	MJ	SA	Alarm	CARD/NCS1K
LC-CPU-IMAGE-CORRUPTION	LC CPU Image Corruption	NA	NSA	Alarm	CARD/NCS1K
LC-DP-IMAGE-CORRUPTION	LC Data Plane Image Corruption	NA	NSA	Alarm	CARD/NCS1K
LC-FPD-DEV-FAILURE	CPU_MOD_FW is corrupt, system booted with golden copy	NA	NSA	Alarm	CARD/NCS1K
LC-OFFLINE-ERROR	LC Offline Error	NA	NSA	Alarm	CARD/NCS1K
LO-LASERBIAS	Equipment Low Laser Bias	MN	NSA	Alarm	OCH/NCS2K
LO-LASERTEMP	Equipment Low Laser Temp	MN	NSA	Alarm	OCH/NCS2K
LO-TXPOWER	Equipment Low Tx power	MN	NSA	Alarm	OCH PORT PPM/NCS2K/ NCS2K-SVO-K9/NCS1K
LOW-VOLTAGE	low voltage alarm	CR	SA	Alarm	CHASSIS_ENV_VOLTAGE MODULE_ENV _VOLTAGE/NCS1K
LSC-NOT-PRESENT-MIC-IN-USE	LSC not present using MIC	MJ	NSA	Alarm	CARD/NCS2K
LWBATVG	Low Volt	MJ	SA	Alarm	PWR/NCS2K
MB-SSD-ATA-ERRORS	Motherboard SSD ATA Errors	CR	SA	Alarm	CARD/NCS1K
MEA	Mismatch Of Equipment And Attributes	CR	SA	Alarm	FAN_TRAY CARD PPM PASSIVE_UNIT/ NCS2K/NCS2K-SVO-K9/SYSTEM
MEA	Mismatch Of Equipment And Attributes	CR	SA	Alarm	SHELF NE PASSIVE_SHELF PORT/ NCS2K/NCS2K-SVO-K9/SYSTEM
MEM-GONE	Free Memory On Card Near Zero	MJ	SA	Alarm	CARD/NCS2K
MEM-LOW	Free Memory On Card Very Low	MN	NSA	Alarm	CARD SYSTEM/NCS2K/SYSTEM

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
MFGMEM	Manufacturing Data Memory (EEPROM) Failure	CR	SA	Alarm	FAN_TRAY ECU LCD_FLASH PWR BACKPLANE PPM/NCS2K
NODE-OBFL-ERROR	Node OBFL Error	MJ	NSA	Alarm	CARD/NCS1K
NON-CISCO-PPM	Non Cisco PPM Inserted	MN	NSA	Alarm	PPM PORT/NCS2K/NCS2K-SVO-K9
ONE-OR-MORE-FAN-TRAY-ABSENT	One or more Fan Trays missing	MJ	NSA	Alarm	SHELF/NCS1K
ONE-OR-MORE-LC-MISSING	One or more LCs missing, running fans at max speed	CR	SA	Alarm	SHELF/NCS1K
OPEN-SLOT	Open Slot(s)	MN	NSA	Alarm	CARD SHELF/NCS2K
OPT-MOD-ABSENT	One or more Optical Modules missing	CR	SA	Alarm	CARD/NCS1K
OVER-TEMP-UNIT-PROT	Over Temperature Unit Protected	CR	SA	Alarm	OCH/NCS2K
PEX-SWITCH-ACCESS-FAILURE	PEX Switch Access Failure	MJ	NSA	Alarm	CARD/NCS1K
PORT-COMM-FAIL	Module Communication Failure	CR	SA	Alarm	PORT/NCS2K
POWER-MODULE-FAN-OUT-OF-TOLERANCE	Power Module: fan out of tolerance	MN	NSA	Alarm	PWR/NCS1K
POWER-MODULE-FAN-OUT-OF-TOLERANCE-WARNING	Power Module Warning: fan out of tolerance	MN	NSA	Alarm	PWR/NCS1K
POWER-MODULE- OUTPUT-DISABLED	Power Module Output Disable	MJ	SA	Alarm	PWR/NCS1K
POWER-MODULE- REDUNDANCY-LOST	Power Module Redundancy lost	MJ	SA	Alarm	PWR SHELF/NCS1K
POWER-OFF	Card In Power Off Status	MJ	NSA	Alarm	CARD/NCS1K
POWER-ON-TIMEOUT	Card In Power On Timeout	MJ	NSA	Alarm	CARD/NCS1K
PPM-MISMATCH	Incompatible pluggable inserted in the port	CR	SA	Alarm	PPM/NCS1K
PROTNA	Protection Unit Not Available	MN	NSA	Alarm	CARD SYSTEM/NCS2K/SYSTEM

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
PROV-INCOMPATIBLE	Incompatible Provision	–	–	Alarm	CARD/NCS1K
PROV-MISMATCH	Provisioning Mismatch	MN	NSA	Alarm	PORT/NCS2K/ NCS2K-SVO-K9/SYSTEM/NCS1K
PROV-MISMATCH	Provisioning Mismatch	MN	NSA	Alarm	CARD PPM/NCS2K/ NCS2K-SVO-K9/SYSTEM/NCS1K
PWR	Power Failure at Connector	–	–	Alarm	PWR/NCS2K
PWR-CON-LMT	Power Consumption Limit Has Crossed	MN	NSA	Alarm	SHELF/NCS2K
PWR-ERROR	Power Module Error (PM_VIN_VOLT_OOR)	–	–	Alarm	SHELF/NCS1K
PWR-EXCEEDS	Power reservation exceeds configured power	–	–	Alarm	PWR/NCS1K
PWR-EXCEEDS-CAPACITY	Power reservation exceeds configured power capacity	–	–	Alarm	PWR/NCS1K
PWR-FAIL-A	Equipment power failure at connector A	MN	NSA	Alarm	PWR/NCS2K
PWR-FAIL-B	Equipment power failure at connector B	MN	NSA	Alarm	PWR/NCS2K
PWR-FAIL-RET-A	Equipment power failure at return connector A	MN	NSA	Alarm	PWR/NCS2K
PWR-FAIL-RET-B	Equipment power failure at return connector B	MN	NSA	Alarm	PWR/NCS2K
PWR-GRP-REDUNDANCY-LOST	Power Group Redundancy lost	MJ	SA	Alarm	SHELF/NCS1K
PWR-MISMATCH	PEM PID mismatch in the chassis	–	–	Alarm	SHELF/NCS1K
PWR-OUTPUT-DISABLED	Power Module Output Disabled	MJ	SA	Alarm	SHELF/NCS1K
PWRRESTART	Powerfail Restart	–	–	Alarm	NE/NCS2K
RACK-OBFL-ERROR	Obfl error	MJ	NSA	Alarm	SHELF/NCS1K
RESOURCE-ALLOC-FAIL	Resource Allocation Failed	MN	SA	Alarm	CARD/NCS2K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
RESOURCES-GONE	No More Resources Available	MN	NSA	Alarm	CARD/NCS2K
RUNNING-FANS-AT-MAX-SPEED	FANs Running At Maximum Speed	CR	SA	Alarm	FAN_TRAY/NCS1K
SENSOR-HIGH-0-6V-CPU-A	0.6V-CPU-A sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-0-6V-CPU-B	0.6V-CPU-B sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-1-05V-CPU	1.05V-CPU sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-1-0V	1.0V sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-1-0V-PHY	1.0V-PHY sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-1-2V	1.2V sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-1-2V-CPU	1.2V-CPU sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-1-3V-CPU	1.3V-CPU sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-1-5V-CPU	1.5V-CPU sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-1-7V-CPU	1.7V-CPU sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-1-82V-CPU	1.82V-CPU sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-1-8V	1.8V sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-2-5V	2.5V sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-3-3V	3.3V sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-3-3V-CPU	3.3V-CPU sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-3-3V-STBY	3.3V-STBY sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-5-0V-STBY	5.0V-STBY sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-BP-48V	BP-48V sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-CPU-TEMP	CPU-TEMP sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
SENSOR-HIGH-DDR-CH0-TEMP	DDR-CH0- TEMP sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-DDR-CH1-TEMP	DDR-CH1- TEMP sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-ETHERNET -SWITCH-TEMP	ETHERNET-SWITCH-TEMP sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-HOTSPOT1	HOTSPOT1 sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-HOTSPOT2	HOTSPOT2 sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-INLET-AIR	INLET-AIR sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-HIGH-OUTLET-AIR	OUTLET-AIR sensor high	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-0-6V-CPU-A	0.6V-CPU-A sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-0-6V-CPU-B	0.6V-CPU-B sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-1-05V-CPU	1.05V-CPU sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-1-0V	1.0V sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-1-0V-PHY	1.0V-PHY sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-1-2V	1.2V sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-1-2V-CPU	1.2V-CPU sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-1-3V-CPU	1.3V-CPU sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-1-5V-CPU	1.5V-CPU sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-1-7V-CPU	1.7V-CPU sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-1-82V-CPU	1.82V-CPU sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-1-8V	1.8V sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-2-5V	2.5V sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-3-3V	3.3V sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-3-3V-CPU	3.3V-CPU sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-3-3V-STBY	3.3V-STBY sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
SENSOR-LOW-5-0V-STBY	5.0V-STBY sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-BP-48V	BP-48V sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-CPU-TEMP	CPU-TEMP sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-DDR-CH0-TEMP	DDR-CH0- TEMP sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-DDR-CH1-TEMP	DDR-CH1- TEMP sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-ETHERNET-SWITCH-TEMP	ETHERNET-SWITCH-TEMP sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-HOTSPOT1	HOTSPOT1 sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-HOTSPOT2	HOTSPOT2 sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-INLET-AIR	INLET-AIR sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SENSOR-LOW-OUTLET-AIR	OUTLET-AIR sensor low	MN	NSA	Alarm	CARD/NCS2K-SVO-K9
SHELF-COMM-FAIL	Shelf Communication Failure	MJ	SA	Alarm	SHELF/NCS2K
SSD-ATA-ERRORS	CPU SSD ATA Error	CR	SA	Alarm	CARD/NCS1K
SSD-HI-TEMP	CPU SSD High Temperature	MJ	NSA	Alarm	CARD/NCS1K
TEMP-MISM	Temperature Reading Mismatch Between SC Cards	NA	NSA	Alarm	NE/NCS2K
TEMPERATURE	Temperature out of working range	CR	SA	Alarm	CHASSIS_ENV_TEMPERATURE MODULE_ENV_TEMPERATURE PWR_ENV_TEMPERATURE/NCS1K
TRAF-AFFECT-RESET-REQUIRED	Traffic Affecting Reset Required	MN	NSA	Alarm	CARD/NCS2K
TRAF-AFFECT-SEC-UPG-REQUIRED	Traffic Affecting Security Upgrade Required	NR	NSA	Alarm	CARD/NCS2K
UNIT-HIGH-TEMP	Unit High Temperature	MN	NSA	Alarm	CARD/NCS2K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
UNQUAL-PPM	Unqualified PPM Inserted	NR	NSA	Alarm	PPM PORT/NCS2K/ NCS2K-SVO-K9/NCS1K
USB-MOUNT-FAIL	USB Mount Failure	CR	SA	Alarm	USB_FLASH/NCS2K
USB-OC-1	USB 1 Over Current	MJ	NSA	Alarm	USB_FLASH/NCS1K
USB-OC-2	USB 2 Over Current	MJ	NSA	Alarm	USB_FLASH/NCS1K
USB-PORTS-DOWN	USB Ports in ECU are not functional	–	–	Event	ECU/NCS2K
USB-WRITE-FAIL	USB Write Failure	CR	SA	Alarm	USB_FLASH/NCS2K
USBSYNC	USB Sync in Progress	NA	NSA	Alarm	USB_FLASH/NCS2K
VOLT-MISM	Voltage Reading Mismatch Between SC Cards	NA	NSA	Alarm	PWR/NCS2K/NCS1K
XGE-EEPROM-ERROR	XGE EEPROM Error	MJ	SA	Alarm	CARD/NCS1K
XGE-FLASH-ERROR	XGE Flash Error	–	–	Alarm	CARD/NCS1K

MAINTENANCE alarm details

This table lists the alarm details for the MAINTENANCE category.

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
AS-CMD	Alarms Suppressed By User Command	NA	NSA	Alarm	OCH ETH OCn STMn ODUk OTUk zrPlus OPT OXC CARD FC PASSIVE_SHELF PORT PPM RAMAN_AMPLIFIER SHELF/NCS2K
AS-MT	Alarms Suppressed For Maintenance	NA	NSA	Alarm	OCH ETH OCn STMn ODUk OTUk zrPlus OPT OXC CARD FC PASSIVE_SHELF PORT PPM RAMAN_AMPLIFIER SHELF/NCS2K/NCS1K
BP-LPBKFACILITY	Back-panel Facility Loopback	NA	NSA	Alarm	CARD/NCS2K
BP-LPBKTERMINAL	Back-panel Terminal Loopback	NA	–	Alarm	CARD/NCS2K
IPC-LASER-FAIL	Ipc Laser failure	MN	NSA	Alarm	CARD/NCS2K
IPC-LOOPBACK-MISS	Patchcords Verification Loopback Missing	MJ	NSA	Alarm	OPT OXC/NCS2K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
IPC-VERIFICATION-DEGRADE	Patchcords Verification Degrade	NA	NSA	Alarm	SYSTEM/NCS2K
IPC-VERIFICATION-EXCESSIVE-LOSS	Measured Patchcord Loss above the Threshold	MJ	SA	Alarm	SYSTEM/NCS1K
IPC-VERIFICATION-FAIL	Patchcords Verification Failure	MJ	SA	Alarm	SYSTEM/NCS2K
IPC-VERIFICATION-RUNNING	Patchcords Verification Running	NA	NSA	Alarm	SYSTEM/NCS2K
LPBKFACILITY	Facility Loopback	NA	NSA	Alarm	OCn STMn ETH zrPlus OTUk ODUk OCH OPT/NCS2K/NCS1K
LPBKTERMINAL	Terminal Loopback	NA	NSA	Alarm	OCn STMn ETH zrPlus OTUk ODUk OCH OPT/NCS2K/NCS1K
MANRESET	Manual System Reset	NA	NSA	Alarm	CARD/NCS2K
OCHNC-MT	OCHNC Maintenance	MN	–	Alarm	OXC/NCS2K
OTDR-ABSOLUTE-A-EXCEEDED-RX	Attenuation Exceeded Absolute Threshold - RX Direction	MJ	NSA	Alarm	OPT/NCS2K/NCS1K
OTDR-ABSOLUTE-A-EXCEEDED-TX	Attenuation Exceeded Absolute Threshold - TX Direction	MJ	NSA	Alarm	OPT/NCS2K/NCS1K
OTDR-ABSOLUTE-R-EXCEEDED-RX	Reflectance Exceeded Absolute Threshold - RX Direction	MJ	NSA	Alarm	OPT/NCS2K/NCS1K
OTDR-ABSOLUTE-R-EXCEEDED-TX	Reflectance Exceeded Absolute Threshold - TX Direction	MJ	NSA	Alarm	OPT/NCS2K/NCS1K
OTDR-BASELINE-A-EXCEEDED-RX	Attenuation Exceeded Baseline Threshold - RX Direction	MJ	NSA	Alarm	OPT/NCS2K
OTDR-BASELINE-A-EXCEEDED-TX	Attenuation Exceeded Baseline Threshold - TX Direction	MJ	NSA	Alarm	OPT/NCS2K
OTDR-BASELINE-R-EXCEEDED-RX	Reflectance Exceeded Baseline Threshold - RX Direction	MJ	NSA	Alarm	OPT/NCS2K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
OTDR-BASELINE-R-EXCEEDED-TX	Reflectance Exceeded Baseline Threshold - TX Direction	MJ	NSA	Alarm	OPT/NCS2K
OTDR-FAST-FAR-END-IN-PROGRESS	OTDR Fast Scan Is In Progress On Remote Side	MN	NSA	Alarm	OTDR/NCS2K
OTDR-FAST-SCAN-IN-PROGRESS-RX	OTDR Fast Scan Is In Progress - RX Direction	MN	NSA	Alarm	OPT/NCS2K
OTDR-FAST-SCAN-IN-PROGRESS-TX	OTDR Fast Scan Is In Progress - TX Direction	MN	NSA	Alarm	OPT/NCS2K
OTDR-FIBER-END-NOT-DETECTED-RX	Fiber End Not Detected - RX Direction	NA	NSA	Alarm	OPT/NCS2K
OTDR-FIBER-END-NOT-DETECTED-TX	Fiber End Not Detected - TX Direction	NA	NSA	Alarm	OPT/NCS2K
OTDR-HYBRID-FAR-END-IN-PROGRESS	OTDR Hybrid Scan Is In Progress On Remote Side	NA	NSA	Alarm	OTDR/NCS2K
OTDR-HYBRID-SCAN-IN-PROGRESS-RX	OTDR Hybrid Scan Is In Progress - RX Direction	NA	NSA	Alarm	OPT/NCS2K
OTDR-HYBRID-SCAN- IN-PROGRESS-TX	OTDR Hybrid Scan Is In Progress - TX Direction	NA	NSA	Alarm	OPT/NCS2K
OTDR-LOSS-THR-EXCEEDED	OTDR Loss Threshold Exceeded	CR	NSA	Alarm	OTDR/NCS2K
OTDR-ORL-THRESHOLD-EXCEEDED-RX	ORL Exceeded Threshold - RX Direction	MN	NSA	Alarm	OPT/NCS2K/NCS1K
OTDR-ORL-THRESHOLD-EXCEEDED-TX	ORL Exceeded Threshold - TX Direction	MN	–	Alarm	OPT/NCS2K/NCS1K
OTDR-ORL-TRAINING-FAILED-RX	ORL Training Failed - RX Direction	MN	–	Alarm	OPT/NCS2K
OTDR-ORL-TRAINING-FAILED-TX	ORL Training Failed - TX Direction	MN	–	Alarm	OPT/NCS2K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
OTDR-ORL-TRAINING-IN-PROGRESS-RX	ORL Training Is In Progress - RX Direction	NA	NSA	Alarm	OPT/NCS2K
OTDR-ORL-TRAINING-IN-PROGRESS-TX	ORL Training Is In Progress - TX Direction	NA	NSA	Alarm	OPT/NCS2K
OTDR-OTDR-TRAINING- FAILED-RX	OTDR Training Failed - RX Direction	NA	NSA	Alarm	OPT/NCS2K
OTDR-OTDR-TRAINING- FAILED-TX	OTDR Training Failed - TX Direction	NA	NSA	Alarm	OPT/NCS2K
OTDR-SCAN-FAILED	OTDR Scan Failed	MJ	NSA	Alarm	OTDR/NCS2K
OTDR-SCAN-FAILED-RX	OTDR Scan Failed RX	MJ	NSA	Alarm	OPT/NCS1K
OTDR-SCAN-FAILED-TX	OTDR Scan Failed TX	MJ	NSA	Alarm	OPT/NCS1K
OTDR-SCAN-IN-PROGRESS	OTDR Scan Is In Progress	MN	NSA	Alarm	OTDR/NCS2K
OTDR-SCAN-IN-PROGRESS-RX	OTDR Scan In Progress RX	MN	NSA	Alarm	OPT/NCS1K
OTDR-SCAN-IN-PROGRESS-TX	OTDR Scan In Progress TX	MN	NSA	Alarm	OPT/NCS1K
OTDR-SCAN-NOT-COMPLETED	OTDR Scan Not Completed	MN	NSA	Alarm	OTDR/NCS2K
TD-FAILED	Tone Detection Failed	–	–	Event	OPT/NCS1K
TD-INPROGRESS	Tone Detection In Progress	MN	NSA	Alarm	OPT/NCS1K
TD-LASER-ON	Tone Detection Laser is ON	–	–	Event	OPT/NCS1K
TD-SUCCESS	Tone Detection Success	–	–	Event	OPT/NCS1K
TG-INPROGRESS	Tone Generation In Progress	MN	NSA	Alarm	OPT/NCS1K

CONC_SYSTEM alarms details

This table lists the alarm details for the CONC_SYSTEM category.

Table 1: CONC_SYSTEM alarms details

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
NODE-DISCONNECT	Controller system disconnected from node	MJ	NSA	Alarm	NODE/NA
BACKUP-FAILURE	Controller system Database Backup Creation is failed	MJ	NSA	Alarm	Controller system/NA
UPLOAD-FAILURE	Controller system Database Backup File Upload to SFTP is failed.	MJ	NSA	Alarm	Controller system/NA
NODE-BACKUP-FAILURE	Node Database Backup creation failed.	MJ	NSA	Alarm	Controller system/NA
DISK-THRESHOLD	Disk usage exceeded the threshold. Free space is now under 30%.	CR	NSA	Alarm	DISK: mount:/data/NA

TRANSPORT alarm details

This table lists the alarm details for the TRANSPORT category.

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
AIS	Alarm Indication Signal	NR	NSA	Alarm	OCn/NCS2K
AIS-L	Alarm Indication Signal Line	NR	NSA	Alarm	OCn/NCS2K/NCS1K
APS-PROV-MISM	APS Protection Type Mismatch	MN	NSA	Alarm	ODUk/NCS2K
AUTH-EC	Payload Authentication Error Count	MJ	NSA	Alarm	ODUk/NCS2K
B-AUTH-EC	Backward Auth Error Count	MJ	NSA	Alarm	ODUk/NCS2K
BDI	Backward Defect Indication	NR	NSA	Alarm	OXC/NCS2K
BERT-ENBL	BERT Enabled	NR	NSA	Alarm	OCn STMn OTUk/NCS2K
DEG-SER	FEC Degraded Symbol Error Rate	–	–	Event	ETH/NCS1K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
ENC-CERT-EXP	MIC cert is expired switch to LSC	MN	NSA	Alarm	ODUk/NCS2K
EOC	SDCC Termination Failure	MJ	NSA	Alarm	OPT OCn/NCS2K
EOC-E	Ethernet OSC Termination Failure	MN	NSA	Alarm	ETH/NCS2K
EOC-L	Line DCC Termination Failure	MN	NSA	Alarm	OCn/NCS2K
FC-DE-NES	Fibre Channel Distance Extension Function Not Established	MJ	SA	Alarm	FC/NCS2K
FC-NO-CREDITS	Fibre Channel Distance Extension Credit Starvation	MJ	SA	Alarm	FC/NCS2K
FEC-MISM	FEC Mismatched	MJ	SA	Alarm	OTUk/NCS1K
FLEXO-GIDM	FlexO Group Identification Mismatch	CR	SA	Alarm	OTUk OCH/NCS1K
FLEXO-LOF	FlexO Loss of Frame	CR	SA	Alarm	OTUk OCH/NCS1K
FLEXO-LOM	FlexO Loss of MultiFrame	CR	SA	Alarm	OTUk OCH/NCS1K
FLEXO-MM	FlexO Map Mismatch	CR	SA	Alarm	OTUk OCH/NCS1K
FLEXO-RDI	FlexO Remote Defect Indicator	NR	SA	Alarm	OTUk OCH/NCS1K
FOIC-GIDM	FOIC Group ID mismatch defect	MJ	SA	Alarm	zrPlus/NCS2K
FOIC-LDI-LD	FOIC Link Degrade indicator - Local Degrade	MN	NSA	Alarm	zrPlus/NCS2K
FOIC-LDI-RD	FOIC Link Degrade indicator- Remote Degrade	MN	NSA	Alarm	zrPlus/NCS2K
FOIC-LOF-LOM	FOIC Loss of Frame loss of Multiframe	CR	SA	Alarm	zrPlus/NCS2K
FOIC-LOL	FOIC Loss of Lock Detect	CR	SA	Alarm	zrPlus/NCS2K
FOIC-LOM	FOIC Loss of Multiframe Indication	CR	SA	Alarm	zrPlus/NCS2K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
FOIC-PMM	FOIC Phy Map mismatch Alarm	MN	SA	Alarm	zrPlus/NCS2K
FOIC-RPF	FOIC Remote Phy Fault Detect	MN	SA	Alarm	zrPlus/NCS2K
FOIC-TIM	FOIC Trail Trace Identifier Mismatch	CR	SA	Alarm	zrPlus/NCS2K
GCC-EOC	GCC Termination Failure	MN	NSA	Alarm	OTUk/NCS2K
GE-OOSYNC	GigaBit Ethernet Out of Sync	CR	SA	Alarm	ETH/NCS2K
GFP-CSF	GFP Client Signal Fail Detected	MJ	SA	Alarm	GFP/NCS2K/NCS1K
GFP-CSF-SIGLOSS	GFP Client Signal Fail Detected Due To Sigloss	MJ	SA	Alarm	GFP/NCS2K/NCS1K
GFP-CSF-SYNCLOSS	GFP Client Signal Fail Detected Due To Syncloss	MJ	SA	Alarm	GFP/NCS2K/NCS1K
GFP-DE-MISMATCH	GFP Fibre Channel Distance Extension Mismatch	MJ	SA	Alarm	GFP/NCS2K/NCS1K
GFP-EX-MISMATCH	GFP Extension Header Mismatch	MJ	SA	Alarm	GFP/NCS2K/NCS1K
GFP-LFD	GFP Loss of Frame Delineation	MJ	SA	Alarm	GFP/NCS2K/NCS1K
GFP-NO-BUFFERS	GFP Fibre Channel Distance Extension Buffer Starvation	MJ	SA	Alarm	GFP/NCS2K/NCS1K
GFP-UP-MISMATCH	GFP User Payload Mismatch	MJ	SA	Alarm	GFP/NCS2K/NCS1K
HI-BER	High Bit Error Rate	MJ	SA	Alarm	ETH FC/NCS2K/NCS1K
HI-SER	High Symbol Error Rate	CR	SA	Event	ETH/NCS1K
IDLE	Idle Signal Condition	CR	SA	Alarm	ETH/NCS2K
KEY-EX-FAIL	Primary Key Exchange Failed	NA	NSA	Alarm	ODUk/NCS2K
KEY-WRITE-FAIL	Key Program On FPGA Failed	MN	NSA	Alarm	ODUk/NCS2K
LOA	Loss of Alignment	CR	SA	Alarm	OCH/NCS2K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
LOCAL-DEG-SER	Local FEC Degraded Symbol Error Rate	–	–	Event	ETH/NCS1K
LOCAL-FAULT	Local Fault	MJ	SA	Alarm	ETH FC/NCS2K/NCS1K
LOF	Loss Of Frame	CR	SA	Alarm	OCn STMn/NCS2K/NCS1K
LOF	Loss Of Frame	CR	SA	Alarm	BITS/NCS2K/NCS1K
LOM	Loss of Multi-Frame	CR	SA	Alarm	OCn STMn BITS/NCS2K/NCS1K
MAX-AUTH-LIST	Reached Max Authentication List	MJ	SA	Alarm	ODUk/NCS2K
MS-AIS	AIS - Multiplex Section - Alarm Indication Signal	NR	NSA	Alarm	STMn/NCS2K/NCS1K
MS-DEG	Multiplex Section - Signal Degraded	NA	NSA	Alarm	STMn/NCS2K
MS-EOC	Multiplex Section DCC Termination Failure	MN	NSA	Alarm	STMn/NCS2K
MS-EXC	Multiplex Section - Excessive Errors	NA	NSA	Alarm	STMn/NCS2K
MS-RDI	RDI - Multiplex Section - Remote Defect/Alarm Indication	MJ	SA	Alarm	STMn/NCS2K/NCS1K
NO-SHARED-CIPHERS	Different Ciphers Used by Client and Server	MJ	SA	Alarm	ODUk/NCS2K
NOS	Not-Operational primitive Sequence	CR	SA	Alarm	FC/NCS1K
OCHNC-INC	Optical Channel Incomplete	MN	–	Alarm	OXC/NCS2K
OCHTERM-INC	Optical Termination Incomplete	NR	NSA	Alarm	OXC/NCS2K
ODUK-1-AIS-PM	ODUk1 Alarm Indication Signal	NR	NSA	Alarm	ODUk/NCS2K
ODUK-2-AIS-PM	ODUk2 Alarm Indication Signal	NR	NSA	Alarm	ODUk/NCS2K
ODUK-3-AIS-PM	ODUk3 Alarm Indication Signal	NR	NSA	Alarm	ODUk/NCS2K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
ODUK-4-AIS-PM	ODUk4 Alarm Indication Signal	NR	NSA	Alarm	ODUk/NCS2K
ODUK-AIS-PM	ODUk: PM Alarm Indication Signal	NR	NSA	Alarm	ODUk/NCS2K/NCS1K
ODUK-AIS-TCM1	TCM1 Alarm Indication Signal	–	–	Event	ODUk/NCS1K
ODUK-AIS-TCM2	TCM2 Alarm Indication Signal	–	–	Event	ODUk/NCS1K
ODUK-AIS-TCM3	TCM3 Alarm Indication Signal	–	–	Event	ODUk/NCS1K
ODUK-AIS-TCM4	TCM4 Alarm Indication Signal	–	–	Event	ODUk/NCS1K
ODUK-AIS-TCM5	TCM5 Alarm Indication Signal	–	–	Event	ODUk/NCS1K
ODUK-AIS-TCM6	TCM6 Alarm Indication Signal	–	–	Event	ODUk/NCS1K
ODUK-BDI-PM	ODUk: PM Backward Defect Indication	NA	SA	Alarm	ODUk/NCS2K/NCS1K
ODUK-BDI-TCM1	TCM1 Backward Defect Monitoring	–	–	Event	ODUk/NCS1K
ODUK-BDI-TCM2	TCM2 Backward Defect Monitoring	–	–	Event	ODUk/NCS1K
ODUK-BDI-TCM3	TCM3 Backward Defect Monitoring	–	–	Event	ODUk/NCS1K
ODUK-BDI-TCM4	TCM4 Backward Defect Monitoring	–	–	Event	ODUk/NCS1K
ODUK-BDI-TCM5	TCM5 Backward Defect Monitoring	–	–	Event	ODUk/NCS1K
ODUK-BDI-TCM6	TCM6 Backward Defect Monitoring	–	–	Event	ODUk/NCS1K
ODUK-BIAE	Path Monitoring Backward Incoming Alignment Error	–	–	Event	ODUk/NCS1K
ODUK-BIAE-TCM1	TCM1 Backward Incoming Alignment Error	–	–	Event	ODUk/NCS1K
ODUK-BIAE-TCM2	TCM2 Backward Incoming Alignment Error	–	–	Event	ODUk/NCS1K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
ODUK-BIAE-TCM3	TCM3 Backward Incoming Alignment Error	–	–	Event	ODUk/NCS1K
ODUK-BIAE-TCM4	TCM4 Backward Incoming Alignment Error	–	–	Event	ODUk/NCS1K
ODUK-BIAE-TCM5	TCM5 Backward Incoming Alignment Error	–	–	Event	ODUk/NCS1K
ODUK-BIAE-TCM6	TCM6 Backward Incoming Alignment Error	–	–	Event	ODUk/NCS1K
ODUK-IAE	Path Monitoring Incoming Alignment Error	–	–	Event	ODUk/NCS1K
ODUK-IAE-TCM1	TCM1 Incoming Alignment Error	–	–	Event	ODUk/NCS1K
ODUK-IAE-TCM2	TCM2 Incoming Alignment Error	–	–	Event	ODUk/NCS1K
ODUK-IAE-TCM3	TCM3 Incoming Alignment Error	–	–	Event	ODUk/NCS1K
ODUK-IAE-TCM4	TCM4 Incoming Alignment Error	–	–	Event	ODUk/NCS1K
ODUK-IAE-TCM5	TCM5 Incoming Alignment Error	–	–	Event	ODUk/NCS1K
ODUK-IAE-TCM6	TCM6 Incoming Alignment Error	–	–	Event	ODUk/NCS1K
ODUK-LCK-PM	ODUk: Locked Defect - PM	NA	SA	Alarm	ODUk/NCS2K/NCS1K
ODUK-LCK-TCM1	TCM1 Locked	–	–	Event	ODUk/NCS1K
ODUK-LCK-TCM2	TCM2 Locked	–	–	Event	ODUk/NCS1K
ODUK-LCK-TCM3	TCM3 Locked	–	–	Event	ODUk/NCS1K
ODUK-LCK-TCM4	TCM4 Locked	–	–	Event	ODUk/NCS1K
ODUK-LCK-TCM5	TCM5 Locked	–	–	Event	ODUk/NCS1K
ODUK-LCK-TCM6	TCM6 Locked	–	–	Event	ODUk/NCS1K
ODUK-LTC-TCM1	TCM1 Loss of Tandem Connection	–	–	Event	ODUk/NCS1K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
ODUK-LTC-TCM2	TCM2 Loss of Tandem Connection	–	–	Event	ODUk/NCS1K
ODUK-LTC-TCM3	TCM3 Loss of Tandem Connection	–	–	Event	ODUk/NCS1K
ODUK-LTC-TCM4	TCM4 Loss of Tandem Connection	–	–	Event	ODUk/NCS1K
ODUK-LTC-TCM5	TCM5 Loss of Tandem Connection	–	–	Event	ODUk/NCS1K
ODUK-LTC-TCM6	TCM6 Loss of Tandem Connection	–	–	Event	ODUk/NCS1K
ODUK-OCI-PM	ODUk: Open Connection Indication	NA	SA	Alarm	ODUk/NCS2K/NCS1K
ODUK-OCI-TCM1	TCM1 Open Connection Indication	–	–	Event	ODUk/NCS1K
ODUK-OCI-TCM2	TCM2 Open Connection Indication	–	–	Event	ODUk/NCS1K
ODUK-OCI-TCM3	TCM3 Open Connection Indication	–	–	Event	ODUk/NCS1K
ODUK-OCI-TCM4	TCM4 Open Connection Indication	–	–	Event	ODUk/NCS1K
ODUK-OCI-TCM5	TCM5 Open Connection Indication	–	–	Event	ODUk/NCS1K
ODUK-OCI-TCM6	TCM6 Open Connection Indication	–	–	Event	ODUk/NCS1K
ODUK-SD-PM	ODUk: Signal Degrade	NA	SA	Alarm	ODUk/NCS2K/NCS1K
ODUK-SD-TCM1	TCM1 Signal Degrade	–	–	Event	ODUk/NCS1K
ODUK-SD-TCM2	TCM2 Signal Degrade	–	–	Event	ODUk/NCS1K
ODUK-SD-TCM3	TCM3 Signal Degrade	–	–	Event	ODUk/NCS1K
ODUK-SD-TCM4	TCM4 Signal Degrade	–	–	Event	ODUk/NCS1K
ODUK-SD-TCM5	TCM5 Signal Degrade	–	–	Event	ODUk/NCS1K
ODUK-SD-TCM6	TCM6 Signal Degrade	–	–	Event	ODUk/NCS1K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
ODUK-SF-PM	ODUk: Signal Failure	NA	SA	Alarm	ODUk/NCS2K/NCS1K
ODUK-SF-TCM1	TCM1 Signal Failure	–	–	Event	ODUk/NCS1K
ODUK-SF-TCM2	TCM2 Signal Failure	–	–	Event	ODUk/NCS1K
ODUK-SF-TCM3	TCM3 Signal Failure	–	–	Event	ODUk/NCS1K
ODUK-SF-TCM4	TCM4 Signal Failure	–	–	Event	ODUk/NCS1K
ODUK-SF-TCM5	TCM5 Signal Failure	–	–	Event	ODUk/NCS1K
ODUK-SF-TCM6	TCM6 Signal Failure	–	–	Event	ODUk/NCS1K
ODUK-TIM-PM	ODUk: Trail Trace Identifier Mismatch	MJ	SA	Alarm	ODUk/NCS2K/NCS1K
ODUK-TIM-TCM1	TCM1 Trail Trace Identifier Mismatch	–	–	Event	ODUk/NCS1K
ODUK-TIM-TCM2	TCM2 Trail Trace Identifier Mismatch	–	–	Event	ODUk/NCS1K
ODUK-TIM-TCM3	TCM3 Trail Trace Identifier Mismatch	–	–	Event	ODUk/NCS1K
ODUK-TIM-TCM4	TCM4 Trail Trace Identifier Mismatch	–	–	Event	ODUk/NCS1K
ODUK-TIM-TCM5	TCM5 Trail Trace Identifier Mismatch	–	–	Event	ODUk/NCS1K
ODUK-TIM-TCM6	TCM6 Trail Trace Identifier Mismatch	–	–	Event	ODUk/NCS1K
OPU-CSF	OPU Client Signal Fail	CR	SA	Alarm	ODUk/NCS2K/NCS1K
OSNR	Optical Signal-to-Noise Ratio	MN	NSA	Alarm	OCH/NCS1K
OTUK-AIS	OTUk: Alarm Indication Signal	NA	NSA	Alarm	OTUk/NCS2K/NCS1K
OTUK-BDI	OTUk: SM Backward Defect Indication	NA	NSA	Alarm	OTUk/NCS2K/NCS1K
OTUK-BIAE	OTUk: SM Backward Incoming Alignment Error	MN	NSA	Alarm	OTUk/NCS2K/NCS1K
OTUK-IAE	OTUk: Incoming Alignment Error	MN	NSA	Alarm	OTUk/NCS2K/NCS1K
OTUK-LOF	OTUk: Loss Of Frame	CR	SA	Alarm	OTUk/NCS2K/NCS1K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
OTUK-LOM	OTUK Loss Of MultiFrame	–	–	Event	OTUk/NCS1K
OTUK-SD	OTUk: Signal Degrade	NA	SA	Alarm	OTUk/NCS2K/NCS1K
OTUK-SF	OTUk: Signal Failure	NA	SA	Alarm	OTUk/NCS2K/NCS1K
OTUK-TIM	OTUk: Trail Trace Identifier Mismatch	CR	SA	Alarm	OTUk/NCS2K/NCS1K
PCS-ERROR	PCS Error/Invalid	–	–	Alarm	FC/NCS1K
PEER-CERT-VERIFICATION-FAILED	Peer card certificate verification failed	MJ	NSA	Alarm	ODUk/NCS2K
PEER-CSF	Peer Port Client Signal Fail Detected	MJ	SA	Alarm	ODUk/NCS2K
PRBS-ENABLED	PRBS Generation Enabled	NA	NSA	Alarm	ODUk/NCS2K
PROV-IN-PROG	Provisioning In Progress	–	–	Event	ODUk/NCS1K
PTIM	Payload Type Identifier Mismatch	MJ	SA	Alarm	ODUk/NCS2K/NCS1K
RDI-L	Remote Defect Indication Line	–	–	Alarm	OCn/NCS2K
REMOTE-CERT-FAIL	RemoteCard Certificate Validation Failed	–	–	Alarm	ODUk/NCS2K
REMOTE-DEG-SER	Remote FEC Degraded Symbol Error Rate	–	–	Event	ETH/NCS1K
REMOTE-FAULT	Remote Fault	MJ	SA	Alarm	ETH FC/NCS2K/NCS1K
RS-EOC	Regenerator Section - DCC Termination Failure	MN	NSA	Alarm	STMn/NCS2K
RS-TIM	Regenerator Section Trace Identifier Mismatch	CR	SA	Alarm	STMn/NCS2K/NCS1K
SD-L	BER Threshold Exceeded For Signal Degrade Line	NA	SA	Alarm	OCn/NCS2K
SIP	Startup In Progress	NA	NSA	Alarm	OXC/NCS2K/NCS1K
SQUELCHED	Equipment Squelched	NA	NSA	Alarm	OCH ODUk FC/NCS2K/NCS1K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
TIM-S	Section Trace Identifier Mismatch	CR	SA	Alarm	OCn/NCS2K
TRAIL-SIGNAL-FAIL	Trail Signal Fail	NA	NSA	Alarm	OPT OXC/NCS2K
TRUNK-ODU-AIS	Trunk ODU Alarm Indication Signal	NR	NSA	Alarm	ODUk/NCS2K
TRUNK-OPU-CSF	Trunk OPU Client Signal Fail	NR	NSA	Alarm	ODUk/NCS2K
TRUNK-PAYLOAD-MISM	Trunk Payload Type Mismatch	MJ	SA	Alarm	ODUk/NCS2K
TX-POWER-PROV-MISMATCH	Provisioned Optics Transmit Power Not Supported	–	–	Event	ODUk/NCS1K
UNC-WORD	FEC Uncorrected Word	NA	NSA	Alarm	OCH OTUk/NCS2K/NCS1K

PROTECTION alarm details

This table lists the alarm details for the PROTECTION category.

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
APS-NO-RESPONSE	APS Signal Mismatch	MN	SA	Alarm	ODUk/NCS2K
FAILTOSW	Failure To Switch To Protection	NA	NSA	Alarm	OPT ODUk OTUk OCn STMn ETH zrPlus/NCS2K
FORCED-REQ	Forced Switch Request	NA	NSA	Alarm	CARD OPT ODUk/NCS2K
LOCKOUT-REQ	Lockout Switch Request	NA	NSA	Alarm	OCn STMn ETH OPT ODUk OTUk zrPlus/NCS2K
MAN-REQ	Manual Switch Request	NA	NSA	Alarm	CARD OPT ODUk/NCS2K
PROT-CONFIG-MISMATCH	Protection Card Configuration Mismatch	MN	NSA	Alarm	CARD/NCS2K
REROUTE-IN-PROG	Reroute In Progress	–	–	Alarm	OXC/NCS2K
RESTORE-IN-PROG	Restoration in Progress	–	–	Alarm	OXC/NCS2K
REVERT-IN-PROG	Revert In Progress	NA	NSA	Alarm	OXC/NCS2K
WKSWBK	Switched Back To Working	–	–	Event	OPT ODUk/NCS2K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
WKSWPR	Switched To Protection	NA	NSA	Alarm	OPT OCn STMn ODUk OTUk ETH/NCS2K/NCS1K
WRK-PATH- RECOVERY-CHECK	Checking For Work Path Recovery	NA	NSA	Alarm	OPT/NCS2K
WTR	Wait To Restore	NA	NSA	Alarm	OPT OCn STMn ODUk OTUk ETH/NCS2K

TIMING alarm details

This table lists the alarm details for the TIMING category.

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
BERT-SYNC-FAIL	BERT Synchronization Status Failed	NR	NSA	Alarm	OCn STMn OTUk/NCS2K
FRCDSWTOINT	Forced Switch To Internal Clock	NA	NSA	Alarm	NE_SYNCHREF/NCS2K
FRCDSWTOPRI	Forced Switch To Primary Reference	NA	NSA	Alarm	EXT_SYNCHREF NE_SYNCHREF/NCS2K
FRCDSWTOSEC	Forced Switch To Second Reference	NA	NSA	Alarm	EXT_SYNCHREF NE_SYNCHREF/NCS2K
FRCDSWTOTHIRD	Forced Switch To Third Reference	NA	NSA	Alarm	EXT_SYNCHREF NE_SYNCHREF/NCS2K
FRNGSYNC	Free Running Synchronization Mode	NA	NSA	Alarm	NE_SYNCHREF/NCS2K
HI-CCVOLT	Composite Clock High Line Voltage	MN	NSA	Alarm	BITS/NCS2K
HLDOVRSYNC	Holdover Synchronization Mode	CR	SA	Alarm	NE_SYNCHREF/NCS2K
MANSWTOINT	Manual Switch To Internal Clock	NA	NSA	Alarm	NE_SYNCHREF/NCS2K
MANSWTOPRI	Manual Switch To Primary Reference	NA	NSA	Alarm	EXT_SYNCHREF NE_SYNCHREF/NCS2K
MANSWTOSEC	Manual Switch To Second Reference	NA	NSA	Alarm	EXT_SYNCHREF NE_SYNCHREF/NCS2K
MANSWTOTHIRD	Manual Switch To Third Reference	NA	NSA	Alarm	EXT_SYNCHREF NE_SYNCHREF/NCS2K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
SSM-DUS	Do Not Use For Synchronization	NA	NSA	Alarm	OCn STMn OTUk BITS/NCS2K
SSM-FAIL	Failed To Receive Synchronization Status Message	MN	NSA	Alarm	OCn STMn OTUk BITS/NCS2K
SSM-LNC	G812L - Local Node Clock traceable	NA	NSA	Alarm	OCn STMn OTUk BITS NE_SYNCHREF/NCS2K
SSM-OFF	Synchronization Status Messages Are Disabled On This Interface	NA	NSA	Alarm	OCn STMn OTUk BITS/NCS2K
SSM-PRC	G811 - Primary Reference Clock traceable	NA	NSA	Alarm	OCn STMn OTUk BITS NE_SYNCHREF/NCS2K
SSM-PRS	Stratum 1 Primary Reference Source Traceable	NA	NSA	Alarm	OCn STMn OTUk BITS NE_SYNCHREF/NCS2K
SSM-RES	Reserved For Network Synchronization Use	NA	NSA	Alarm	OCn STMn OTUk BITS NE_SYNCHREF/NCS2K
SSM-SDH-TN	G812T - Transit Node Clock traceable	NA	NSA	Alarm	STMn OTUk BITS NE_SYNCHREF/NCS2K
SSM-SETS	G813 - Synchronous Equipment Timing Source traceable	NA	NSA	Alarm	OCn STMn OTUk BITS NE_SYNCHREF/NCS2K
SSM-SMC	SONET Minimum Clock Traceable	NA	NSA	Alarm	OCn STMn OTUk BITS NE_SYNCHREF/NCS2K
SSM-ST2	Stratum 2 Traceable	NA	NSA	Alarm	OCn STMn OTUk BITS NE_SYNCHREF/NCS2K
SSM-ST3	Stratum 3 Traceable	NA	NSA	Alarm	OCn STMn OTUk BITS NE_SYNCHREF/NCS2K
SSM-ST3E	Stratum 3E Traceable	NA	NSA	Alarm	OCn STMn OTUk BITS NE_SYNCHREF/NCS2K
SSM-ST4	Stratum 4 Traceable	NA	NSA	Alarm	OCn STMn OTUk BITS NE_SYNCHREF/NCS2K
SSM-STU	Synchronized - Traceability Unknown	NA	NSA	Alarm	OCn STMn OTUk BITS NE_SYNCHREF/NCS2K
SSM-TNC	Transit Node Clock Traceable	NA	NSA	Alarm	OCn STMn OTUk BITS NE_SYNCHREF/NCS2K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
SWTOPRI	Switch To Primary Reference	NA	NSA	Alarm	EXT_SYNCHREF NE_SYNCHREF/NCS2K
SWTOSEC	Switch To Second Reference	NA	NSA	Alarm	EXT_SYNCHREF NE_SYNCHREF/NCS2K
SWTOTHIRD	Switch To Third Reference	NA	NSA	Alarm	EXT_SYNCHREF NE_SYNCHREF/NCS2K
SYNC-FREQ	Synchronization Reference Frequency Out Of Bounds	NA	NSA	Alarm	OTUk BITS OCn STMn/NCS2K
SYNCCLK	Synchronization Unit Failure	MJ	SA	Alarm	NE_SYNCHREF/NCS2K
SYNCLOSS	Synchronization Loss on Data Interface	MJ	SA	Alarm	ETH FC/NCS2K/NCS1K
SYNCPRI	Primary Synchronization Reference Failure	MN	NSA	Alarm	NE_SYNCHREF/NCS2K
SYNCPRI	Primary Synchronization Reference Failure	MJ	SA	Alarm	EXT_SYNCHREF/NCS2K
SYNCSEC	Secondary Synchronization Reference Failure	MN	NSA	Alarm	EXT_SYNCHREF NE_SYNCHREF/NCS2K
SYNCTHIRD	Third Synchronization Reference Failure	MN	NSA	Alarm	EXT_SYNCHREF NE_SYNCHREF/NCS2K

SECURITY alarm details

This table lists the alarm details for the SECURITY category.

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
ADMIN-CONFIG-INCONSISTENCY	Admin Configuration is in inconsistent state	–	–	Alarm	NE/NCS1K
ADMIN-DISABLE	Disable Inactive User	–	–	Event	NE SYSTEM/NCS2K/SYSTEM
ADMIN-DISABLE-CLR	Disable Inactive Clear	–	–	Event	NE SYSTEM/NCS2K/SYSTEM
ADMIN-LOCKOUT	Admin Lockout of User	–	–	Event	NE SYSTEM/NCS2K/SYSTEM
ADMIN-LOCKOUT-CLR	Admin Lockout Clear	–	–	Event	NE SYSTEM/NCS2K/SYSTEM
ADMIN-LOGOUT	Admin Logout of User	–	–	Event	NE SYSTEM/NCS2K/SYSTEM

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
ADMIN-SUSPEND	Suspend User	–	–	Event	NE SYSTEM/NCS2K/SYSTEM
ADMIN-SUSPEND-CLR	Suspend User Clear	–	–	Event	NE SYSTEM/NCS2K/SYSTEM
CRYPTO-HW-FAILURE	Cryptographic self-test failure	CR	SA	Alarm	SHELF/NCS1K
CRYPTO-INDEX-MISMATCH	Crypto Index Mismatch	MN	NSA	Alarm	CARD/NCS1K
CRYPTO-KEY-EXPIRED	Crypto key expired	CR	SA	Alarm	CARD/NCS1K
INTRUSION	Security: Invalid Login Username - See Audit Trail	MJ	NSA	Event	NE SYSTEM/NCS2K/SYSTEM
INTRUSION-PSWD	Security Intrusion Attempt Detected - See Audit Log	MN	NSA	Alarm	NE SYSTEM/NCS2K/SYSTEM
INTRUSION-USERID	Security Intrusion Attempt Detected - See Audit Log	CR	SA	Event	NE SYSTEM/NCS2K/SYSTEM
LOCAL-CERT-CHAIN-VERIFICATION-FAILED	Local cert chain verification failed	MJ	NSA	Alarm	CARD SYSTEM/NCS2K/SYSTEM
LOCAL-CERT-EXPIRED	Local certificate expired	MJ	NSA	Alarm	CARD SYSTEM/NCS2K/SYSTEM
LOCAL-CERT-EXPIRING-WITHIN-30-DAYS	Local cert expiring within 30 days	MJ	NSA	Alarm	CARD SYSTEM/NCS2K/SYSTEM
LOCAL-CERT-ISSUED-FOR-FUTURE-DATE	Local cert issued for future date	MJ	NSA	Alarm	CARD SYSTEM/NCS2K/SYSTEM
LOCAL-SUDI-CERT-VERIFICATION-FAILED	Local sudi cert verification failed	MJ	NSA	Alarm	CARD/NCS2K/NCS1K
LOGIN-FAIL-LOCKOUT	Security: Invalid Login - Locked Out - See Audit Log	–	–	Event	NE SYSTEM/NCS2K/SYSTEM
LOGIN-FAIL-ONALRDY	Security: Invalid Login - Already Logged On - See Audit Log	–	–	Event	NE SYSTEM/NCS2K/SYSTEM
LOGIN-FAILURE-PSWD	Security: Invalid Login - Password - See Audit Log	–	–	Event	NE SYSTEM/NCS2K/SYSTEM
LOGIN-FAILURE-USER	Security: Invalid Login - Username - See Audit Log	–	–	Event	NE SYSTEM/NCS2K/SYSTEM

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
LOGOUT-IDLE-USER	Automatic Logout of IdleUser	–	–	Event	NE SYSTEM/NCS2K/SYSTEM
MASTERKEY-SUCCESS	MasterKey Exchange Success	–	–	Event	NE/NCS2K
NON-TRAF-AFFECT-SEC-UPG-REQUIRED	Non Traffic Affecting Security Upgrade Required	NR	NSA	Alarm	CARD/NCS2K
OTNSEC-LOCALLY-SECURED	OTNSEC Locally Secured	NA	NSA	Alarm	CARD/NCS1K
PROT-SOFT-VERIF-FAIL	Protect Volume Software Signature Verification Failed		–	Alarm	CARD/NCS2K
PSWD-CHG-REQUIRED	User Password Change Required	–	–	Event	NE SYSTEM/NCS2K/SYSTEM
SESSION-TIME-LIMIT	Session Time Limit Expired	–	–	Event	NE/NCS2K
USER-LOCKOUT	User Locked Out	–	–	Event	NE SYSTEM/NCS2K/SYSTEM
USER-LOGIN	Login of User	–	–	Event	NE SYSTEM/NCS2K/SYSTEM
USER-LOGOUT	Logout of User	–	–	Event	NE SYSTEM/NCS2K/SYSTEM

OPTICAL alarm details

This table lists the alarm details for the OPTICAL category.

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
ADD-OPWR-HDEG	Port Add Power Degrade High	MN	NSA	Alarm	OPT/NCS2K
ADD-OPWR-HFAIL	Port Add Power Fail High	CR	SA	Alarm	OPT/NCS2K
ADD-OPWR-LDEG	Port Add Power Degrade Low	MN	NSA	Alarm	OPT/NCS2K
ADD-OPWR-LFAIL	Port Add Power Fail Low	CR	SA	Alarm	OPT/NCS2K
ALC-IN-PROGRESS	Automatic-link-calibration procedure is running	MN	NSA	Alarm	OPT/NCS1K
ALC-PROC-FAILED	Automatic-link-calibration procedure failed	CR	SA	Alarm	OPT/NCS1K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
ALS	Automatic Laser Shutdown	NA	NSA	Alarm	OPT OCH ETH/NCS2K/NCS1K
ALS-DISABLED	Auto Laser Shutdown Disabled	NA	NSA	Alarm	OPT OCH/NCS2K
AMPLI-INIT	Optical Amplifier Initialization	NA	NSA	Alarm	OPT/NCS2K
AMPLI-OSRI	Amplifier Optical Safety Remote Interlock	NA	NSA	Alarm	OPT/NCS1K
APC-BLOCKED	APC blocked	MN	NSA	Alarm	OPT/NCS1K
APC-BLOCKED-RX	APC blocked in RX direction	MN	NSA	Alarm	OPT/NCS1K
APC-BLOCKED-TX	APC blocked in TX direction	MN	NSA	Alarm	OPT/NCS1K
APC-CORR-SKIPPED	Automatic Power Control Correction Skipped	MN	NSA	Alarm	OPT/NCS2K
APC-DISABLED	Automatic Power Control Disabled	MN	NSA	Alarm	OPT CARD/NCS2K
APC-DISABLED	Automatic Power Control Disabled	MN	NSA	Alarm	NE/NCS2K
APC-END	Manual Requested Automatic Power Control run Completed	NA	NSA	Alarm	NE/NCS2K
APC-HW-FAIL	APC Hardware Failure	MJ	NSA	Alarm	OPT/NCS1K
APC-OUT-OF-RANGE	APC Cannot Set Value Due To Range Limits	MN	NSA	Alarm	OPT/NCS2K/NCS1K
APC-TARGET-PSD-NOT-MET-RX	APC Target PSD not met in RX direction	MN	NSA	Alarm	OPT/NCS1K
APC-TARGET-PSD-NOT-MET-TX	APC Target PSD not met in TX direction	MN	NSA	Alarm	OPT/NCS1K
APC-WRONG-GAIN	APC Wrong Gain Set Point	NA	NSA	Alarm	OPT/NCS2K
ASE-LOADING-DISABLED	ASE Loading is disabled	NA	NSA	Alarm	OPT OXC/NCS1K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
AUTO-AMPLI-DISABLED	Auto Ampli Control Disabled	MN	NSA	Alarm	OPT/NCS1K
AUTO-AMPLI-MISMATCH	Auto Ampli Control Mismatch	NA	NSA	Alarm	OPT/NCS1K
AUTO-AMPLI-RUNNINNG	Auto Ampli Control Running	NA	NSA	Alarm	OPT/NCS1K
AUTOWDMANS	Automatic WDM ANS Finished	–	–	Event	NE/NCS2K
CANNOT-BE-EQUALIZED	Incoming signal cannot be equalized	–	–	Alarm	OPT OXC/NCS2K
CARLOSS	Carrier Loss On The LAN	MJ	SA	Alarm	MS_ETH ETH/NCS2K/NCS1K
CD	Chromatic Dispersion	–	–	Alarm	OCH/NCS2K/NCS1K
CHAN-PWR-THRESHOLD-CHECK	Channel Power would fall below threshold value	MN	NSA	Alarm	OPT/NCS2K
CHANNEL-NOISE-LOADED	Channel is Loaded with Noise	MJ	NSA	Alarm	OPT OXC/NCS1K
CHANNEL-READY	Channel Presence is Detected and Ready	MN	NSA	Alarm	OPT OXC/NCS1K
DCU-LOSS-FAIL	DCU Loss Failure	MN	NSA	Alarm	OPT/NCS2K
DGD	Differential Group Delay	MN	NSA	Alarm	OCH/NCS1K
EMB-AMPLIFIER-SATURATED	Embedded amplifier saturated alarm	MN	NSA	Alarm	OPT/NCS2K
EXPECTED-POWER-FAIL	Channel Power Reading Exceeds the Expected Power Tolerance Limits	MN	NSA	Alarm	OPT OXC/NCS1K
FDI	Forward Defect Indication	NA	NSA	Alarm	OXC OCn/NCS2K
GAIN-HDEG	Optical Amplifier Gain Degrade High	MN	NSA	Alarm	OPT/NCS2K
GAIN-HFAIL	Optical Amplifier Gain Failure High	CR	SA	Alarm	OPT OXC/NCS2K/NCS1K
GAIN-LDEG	Optical Amplifier Gain Degrade Low	MN	NSA	Alarm	OPT/NCS2K
GAIN-LFAIL	Optical Amplifier Gain Failure Low	CR	SA	Alarm	OPT OXC/NCS2K/NCS1K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
GAIN-NEAR-LIMIT	Amplifier Gain is near its limit	MN	NSA	Alarm	OPT/NCS2K
HI-RX-BR-PWR	Input High BR Power	MN	NSA	Alarm	RAMAN_AMPLIFIER/NCS1K
HI-RXPOWER	Facility High Rx power	MN	NSA	Alarm	OCH PORT PPM/NCS2K/ NCS2K-SVO-K9/NCS1K
HI-TX-BR-PWR	Output High BR Power	MN	NSA	Alarm	OPT/NCS1K
LASER-APR	Laser Auto Power Reduction	MN	NSA	Alarm	OPT/NCS2K/NCS1K
LO-RXPOWER	Facility Low Rx power	MN	NSA	Alarm	OCH PORT PPM/NCS2K/ NCS2K-SVO-K9/NCS1K
LOS	Loss Of Signal	CR	SA	Alarm	OCn STMn OPT/NCS2K/ NCS2K-SVO-K9/NCS1K
LOS	Loss Of Signal	CR	SA	Alarm	BITS PORT/NCS2K/ NCS2K-SVO-K9/NCS1K
LOS-D	Loss Of DFB Signal	CR	SA	Alarm	OPT/NCS2K
LOS-O	Incoming Overhead Signal Absent	MN	NSA	Alarm	OPT/NCS2K
LOS-P	Incoming Payload Signal Absent	CR	SA	Alarm	OPT OCH OXC/NCS2K/NCS1K
LOS-RAMAN	Loss Of Raman Signal	CR	SA	Alarm	OPT/NCS2K
MAN-LASER-RESTART	Manual Laser Restart	NA	NSA	Alarm	OPT OCH/NCS2K
OPWR-HDEG	Optical Power Degrade High	MN	NSA	Alarm	OPT OXC/NCS2K
OPWR-HFAIL	Optical Power Failure High	CR	SA	Alarm	OPT OXC/NCS2K/NCS1K
OPWR-LDEG	Optical Power Degrade Low	MN	NSA	Alarm	OPT OXC/NCS2K
OPWR-LFAIL	Optical Power Failure Low	CR	SA	Alarm	OPT OXC/NCS2K/NCS1K
OSRION	Optical Safety Remote Interlock On	NA	NSA	Alarm	OPT/NCS2K
PARAM-MISM	Plug-in Module Range Settings Mismatch	CR	SA	Alarm	OPT OXC/NCS2K
PARTIAL-TOPOLOGY	APC Partial topology	MN	NSA	Alarm	OPT/NCS1K
PMD-DEG	PMD Degrade	MJ	NSA	Alarm	OCH/NCS2K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
PMI	Payload Missing Indication	NA	NSA	Alarm	OPT OXC/NCS2K
PSD-FAILED	Failure in Power Spectrum Distribution	–	–	Alarm	OPT OXC/NCS1K
PWR-PROT-ON	Raman Power Protection On	MJ	SA	Alarm	OPT/NCS2K
RAMAN-AMPLI-OSRI	Raman Amplifier Optical Safety Remote Interlock	CR	SA	Alarm	RAMAN_AMPLIFIER/NCS1K
RAMAN-CALIBRATION-FAILED	Raman Calibration Failed	MN	NSA	Alarm	RAMAN_AMPLIFIER/NCS2K/ SYSTEM/NCS1K
RAMAN-CALIBRATION-PENDING	Raman Calibration Pending	NA	NSA	Alarm	RAMAN_AMPLIFIER/NCS2K
RAMAN-CALIBRATION-RUNNING	Raman Calibration Running	CR	SA	Alarm	RAMAN_AMPLIFIER/ NCS2K/NCS1K
RAMAN-GAIN-NOT-REACHED	Raman Gain Not Reached	MJ	SA	Alarm	RAMAN_AMPLIFIER/ NCS2K/SYSTEM/NCS1K
RAMAN-TURNUP-FAIL	Raman Pumps Turnup Fail	MJ	SA	Alarm	RAMAN_AMPLIFIER/NCS1K
RFI	Remote Failure Indication	NR	NSA	Alarm	OPT/NCS2K
RLS	Raman Laser Shutdown	NA	NSA	Alarm	RAMAN_AMPLIFIER/NCS2K
RMON-ALARM	RMON Threshold Crossing Alarm	–	–	Event	ETH FC ODUk/NCS2K
RMON-RESET	RMON Histories And Alarms Reset Reboot	–	–	Event	ETH FC ODUk/NCS2K
RX-BELOW-MIN-PSD	Receive Channel Power Below Minimum Power Spectral Density	MJ	SA	Alarm	OPT/NCS1K
SD	Signal Degrade	NA	NSA	Alarm	OCn/NCS2K
SF	Signal Failure	NA	NSA	Alarm	OCn/NCS2K
SF-L	BER Threshold Exceeded For Signal Failure Line	NA	NSA	Alarm	OCn/NCS2K
SIGLOSS	Signal Loss on Data Interface	MJ	SA	Alarm	ETH FC/NCS2K/NCS1K

Condition Name	Description	Severity	Impact	Condition Type	Resource Type/Source
SIGNAL-OSC-SPAN-LOSS-DIFF-OUT-OF-RANGE	Difference in Rx OSC span loss and Rx signal span loss exceeded threshold	MN	NSA	Alarm	OPT/NCS1K
SPAN-LOSS-BASELINE-DEVIATION-OUT-OF-RANGE	Rx span loss deviated from baseline	MN	NSA	Alarm	OPT/NCS1K
SPAN-LOSS-OUT-OF-RANGE	Span Loss Value Out Of Range	MN	NSA	Alarm	OPT/NCS2K/NCS1K
SPAN-NOT-MEASURED	Span Measurement Cannot Be Performed	MN	NSA	Alarm	OPT/NCS2K
SPAN-TOO-SHORT	OTS Span Too Short	MN	NSA	Alarm	OPT/NCS1K
SPECTRUM-VIOLATED	Spectrum is Violated	CR	SA	Alarm	OPT OXC/NCS1K
VOA-DISABLED	VOA Control Loop Disable Due To Excessive Counter-Propagation Light	CR	SA	Alarm	CARD/NCS2K
VOA-HDEG	Variable Optical Attenuator Degrade High	MN	NSA	Alarm	OPT OXC/NCS2K
VOA-HFAIL	Variable Optical Attenuator Failure High	CR	SA	Alarm	OPT OXC/NCS2K
VOA-LDEG	Variable Optical Attenuator Degrade Low	MN	NSA	Alarm	OPT OXC/NCS2K
VOA-LFAIL	Variable Optical Attenuator Failure Low	CR	SA	Alarm	OPT OXC/NCS2K
WVL-MISMATCH	Equipment Wavelength Mismatch	MJ	SA	Alarm	OCH/NCS2K
WVL-UNLOCKED	Wavelength Unlocked	MJ	SA	Alarm	OCH/NCS2K/NCS1K

TCA alarm details

This table lists the alarm details for the TCA category.

Condition Name	Description	Condition Type	Resource Type/Source
PM-TCA	Performance Monitor Threshold Crossing Alert	Event	CARD ETH FC OCH OCn ODUk OPT OTUk OXC PORT PPM STMn/NCS2K
T-BAD-SH	Threshold Crossing Alert	Event	FC/NA
T-BBE-PM	Threshold Crossing Alert	Event	ODUk/NA
T-BBE-SM	Threshold Crossing Alert	Event	OTUk/NA
T-BBE-TCM1	Threshold Crossing Alert	Event	ODUk/NA
T-BBE-TCM2	Threshold Crossing Alert	Event	ODUk/NA
T-BBEL	Threshold Crossing Alert	Event	OCn/NA
T-BBER-PM	Threshold Crossing Alert	Event	ODUk/NA
T-BBER-SM	Threshold Crossing Alert	Event	OTUk/NA
T-BBER-TCM1	Threshold Crossing Alert	Event	ODUk/NA
T-BBER-TCM2	Threshold Crossing Alert	Event	ODUk/NA
T-BBES	Threshold Crossing Alert	Event	OCn/NA
T-BIEC	Threshold Crossing Alert	Event	OTUk/NA
T-BIP	Threshold Crossing Alert	Event	FC/NA
T-BIT-EC	Threshold Crossing Alert	Event	OCH OTUk/NA
T-BYTE-EC	Threshold Crossing Alert	Event	OCH OTUk/NA
T-CDPM-AVG	Threshold Crossing Alert	Event	OCH/NA
T-CDPM-MAX	Threshold Crossing Alert	Event	OCH/NA
T-CDPM-MIN	Threshold Crossing Alert	Event	OCH/NA

Condition Name	Description	Condition Type	Resource Type/Source
T-CHROM-DISP	Threshold Crossing Alert	Event	OCH/NA
T-CVL	Threshold Crossing Alert	Event	OCn/NA
T-CVS	Threshold Crossing Alert	Event	OCn/NA
T-DGD-MAX	Threshold Crossing Alert	Event	OCH/NA
T-DGD-MIN	Threshold Crossing Alert	Event	OCH/NA
T-EC-WORD	Threshold Crossing Alert	Event	ETH FC/NA
T-ES-PCS	Threshold Crossing Alert	Event	FC/NA
T-ES-PM	Threshold Crossing Alert	Event	ODUk/NA
T-ES-SM	Threshold Crossing Alert	Event	OTUk/NA
T-ES-TCM1	Threshold Crossing Alert	Event	ODUk/NA
T-ES-TCM2	Threshold Crossing Alert	Event	ODUk/NA
T-ESL	Threshold Crossing Alert	Event	OCn/NA
T-ESR-PM	Threshold Crossing Alert	Event	ODUk/NA
T-ESR-SM	Threshold Crossing Alert	Event	OTUk/NA
T-ESR-TCM1	Threshold Crossing Alert	Event	ODUk/NA
T-ESR-TCM2	Threshold Crossing Alert	Event	ODUk/NA
T-ESS	Threshold Crossing Alert	Event	OCn/NA
T-FC-L	Threshold Crossing Alert	Event	STMn/NA
T-FC-PM	Threshold Crossing Alert	Event	ODUk/NA

Condition Name	Description	Condition Type	Resource Type/Source
T-FC-SM	Threshold Crossing Alert	Event	OTUk/NA
T-FC-TCM1	Threshold Crossing Alert	Event	ODUk/NA
T-FC-TCM2	Threshold Crossing Alert	Event	ODUk/NA
T-FRM-ERR	Threshold Crossing Alert	Event	FC/NA
T-GAIN-AVG	Threshold Crossing Alert	Event	OPT/NA
T-GAIN-MAX	Threshold Crossing Alert	Event	OPT/NA
T-GAIN-MIN	Threshold Crossing Alert	Event	OPT/NA
T-LASER-BIAS-MAX	Threshold Crossing Alert	Event	OCH/NA
T-LASER-BIAS-MIN	Threshold Crossing Alert	Event	OCH/NA
T-LASER-TEMP-MAX	Threshold Crossing Alert	Event	OCH/NA
T-LASER-TEMP-MIN	Threshold Crossing Alert	Event	OCH/NA
T-LOW-FREQ-OFF-AVG	Threshold Crossing Alert	Event	OCH/NA
T-LOW-FREQ-OFF-MAX	Threshold Crossing Alert	Event	OCH/NA
T-LOW-FREQ-OFF-MIN	Threshold Crossing Alert	Event	OCH/NA
T-MS-BBE	Threshold Crossing Alert	Event	STMn/NA
T-MS-BBER	Threshold Crossing Alert	Event	STMn/NA
T-MS-EB	Threshold Crossing Alert	Event	STMn/NA
T-MS-ES	Threshold Crossing Alert	Event	STMn/NA
T-MS-ESR	Threshold Crossing Alert	Event	STMn/NA

Condition Name	Description	Condition Type	Resource Type/Source
T-MS-FC	Threshold Crossing Alert	Event	STMn/NA
T-MS-LOSS	Threshold Crossing Alert	Event	STMn/NA
T-MS-SES	Threshold Crossing Alert	Event	STMn/NA
T-MS-SESR	Threshold Crossing Alert	Event	STMn/NA
T-MS-UAS	Threshold Crossing Alert	Event	STMn/NA
T-OPBR-AVG	Threshold Crossing Alert	Event	OPT/NA
T-OPBR-MAX	Threshold Crossing Alert	Event	OPT/NA
T-OPBR-MIN	Threshold Crossing Alert	Event	OPT/NA
T-OPBRR-AVG	Threshold Crossing Alert	Event	OPT/NA
T-OPBRR-MAX	Threshold Crossing Alert	Event	OPT/NA
T-OPBRR-MIN	Threshold Crossing Alert	Event	OPT/NA
T-OPR-AVG	Threshold Crossing Alert	Event	OCH/NA
T-OPR-MAX	Threshold Crossing Alert	Event	OCH/NA
T-OPR-MIN	Threshold Crossing Alert	Event	OCH/NA
T-OPT-AVG	Threshold Crossing Alert	Event	OCH/NA
T-OPT-MAX	Threshold Crossing Alert	Event	OCH/NA
T-OPT-MIN	Threshold Crossing Alert	Event	OCH/NA
T-OPWR-AVG	Threshold Crossing Alert	Event	OPT/NA
T-OPWR-CL-MAX	Threshold Crossing Alert	Event	OPT/NA

Condition Name	Description	Condition Type	Resource Type/Source
T-OPWR-CL-MIN	Threshold Crossing Alert	Event	OPT/NA
T-OPWR-MAX	Threshold Crossing Alert	Event	OPT/NA
T-OPWR-MIN	Threshold Crossing Alert	Event	OPT/NA
T-OSC-PWR-AVG	Threshold Crossing Alert	Event	OPT/NA
T-OSC-PWR-MAX	Threshold Crossing Alert	Event	OPT/NA
T-OSC-PWR-MIN	Threshold Crossing Alert	Event	OPT/NA
T-OSNR-AVG	Threshold Crossing Alert	Event	OCH/NA
T-OSNR-MAX	Threshold Crossing Alert	Event	OCH/NA
T-OSNR-MIN	Threshold Crossing Alert	Event	OCH/NA
T-PCR-AVG	Threshold Crossing Alert	Event	OCH/NA
T-PCR-MAX	Threshold Crossing Alert	Event	OCH/NA
T-PCR-MIN	Threshold Crossing Alert	Event	OCH/NA
T-PDL-AVG	Threshold Crossing Alert	Event	OCH/NA
T-PDL-MAX	Threshold Crossing Alert	Event	OCH/NA
T-PDL-MIN	Threshold Crossing Alert	Event	OCH/NA
T-PMD-AVG	Threshold Crossing Alert	Event	OCH/NA
T-PMD-MIN	Threshold Crossing Alert	Event	OCH/NA
T-PN-MAX	Threshold Crossing Alert	Event	OCH/NA
T-PN-MIN	Threshold Crossing Alert	Event	OCH/NA

Condition Name	Description	Condition Type	Resource Type/Source
T-POST-FEC-BER-MAX	Threshold Crossing Alert	Event	OTUk FC/NA
T-POST-FEC-BER-MIN	Threshold Crossing Alert	Event	OTUk FC/NA
T-PRE-FEC-BER-MAX	Threshold Crossing Alert	Event	OTUk FC/NA
T-PRE-FEC-BER-MIN	Threshold Crossing Alert	Event	OTUk FC/NA
T-PWR-AVG	Threshold Crossing Alert	Event	OPT/NA
T-PWR-MAX	Threshold Crossing Alert	Event	OPT/NA
T-PWR-MIN	Threshold Crossing Alert	Event	OPT/NA
T-Q-MARGIN-MAX	Threshold Crossing Alert	Event	OTUk FC/NA
T-Q-MARGIN-MIN	Threshold Crossing Alert	Event	OTUk FC/NA
T-Q-MARGIN_INST-MAX	Threshold Crossing Alert	Event	OTUk/NA
T-Q-MARGIN_INST-MIN	Threshold Crossing Alert	Event	OTUk/NA
T-Q-MAX	Threshold Crossing Alert	Event	OTUk FC/NA
T-Q-MIN	Threshold Crossing Alert	Event	OTUk FC/NA
T-RAMAN-BR-MAX	Threshold Crossing Alert	Event	OPT/NA
T-RAMAN-BR-MIN	Threshold Crossing Alert	Event	OPT/NA
T-RAMAN-BRR-MAX	Threshold Crossing Alert	Event	OPT/NA
T-RAMAN-BRR-MIN	Threshold Crossing Alert	Event	OPT/NA
T-RS-BBE	Threshold Crossing Alert	Event	STMn/NA
T-RS-BBER	Threshold Crossing Alert	Event	STMn/NA

Condition Name	Description	Condition Type	Resource Type/Source
T-RS-EB	Threshold Crossing Alert	Event	STMn/NA
T-RS-ES	Threshold Crossing Alert	Event	STMn/NA
T-RS-ESR	Threshold Crossing Alert	Event	STMn/NA
T-RS-OFS	Threshold Crossing Alert	Event	STMn/NA
T-RS-SES	Threshold Crossing Alert	Event	STMn/NA
T-RS-SESR	Threshold Crossing Alert	Event	STMn/NA
T-RS-UAS	Threshold Crossing Alert	Event	STMn/NA
T-RX-PWR-MAX	Threshold Crossing Alert	Event	OCH/NA
T-RX-PWR-MIN	Threshold Crossing Alert	Event	OCH/NA
T-RX-SIG-POW-AVG	Threshold Crossing Alert	Event	OCH/NA
T-RX-SIG-POW-MAX	Threshold Crossing Alert	Event	OCH/NA
T-RX-SIG-POW-MIN	Threshold Crossing Alert	Event	OCH/NA
T-RX-TEMP-MAX	Threshold Crossing Alert	Event	OCH/NA
T-RX-TEMP-MIN	Threshold Crossing Alert	Event	OCH/NA
T-SEFS	Threshold Crossing Alert	Event	OCn/NA
T-SES-PCS	Threshold Crossing Alert	Event	FC/NA
T-SES-PM	Threshold Crossing Alert	Event	ODUk/NA
T-SES-SM	Threshold Crossing Alert	Event	OTUk/NA
T-SES-TCM1	Threshold Crossing Alert	Event	ODUk/NA

Condition Name	Description	Condition Type	Resource Type/Source
T-SES-TCM2	Threshold Crossing Alert	Event	ODUk/NA
T-SESL	Threshold Crossing Alert	Event	OCn/NA
T-SESR-PM	Threshold Crossing Alert	Event	ODUk/NA
T-SESR-SM	Threshold Crossing Alert	Event	OTUk/NA
T-SESR-TCM1	Threshold Crossing Alert	Event	ODUk/NA
T-SESR-TCM2	Threshold Crossing Alert	Event	ODUk/NA
T-SESS	Threshold Crossing Alert	Event	OCn/NA
T-SIG-SPAN-LOSS-MAX	Threshold Crossing Alert	Event	OPT/NA
T-SIG-SPAN-LOSS-MIN	Threshold Crossing Alert	Event	OPT/NA
T-SOPMD-AVG	Threshold Crossing Alert	Event	OCH/NA
T-SOPMD-MAX	Threshold Crossing Alert	Event	OCH/NA
T-SOPMD-MIN	Threshold Crossing Alert	Event	OCH/NA
T-TILT-MAX	Threshold Crossing Alert	Event	OPT/NA
T-TILT-MIN	Threshold Crossing Alert	Event	OPT/NA
T-TOT-SPAN-LOSS-CL-MAX	Threshold Crossing Alert	Event	OPT/NA
T-TOT-SPAN-LOSS-CL-MIN	Threshold Crossing Alert	Event	OPT/NA
T-TOT-SPAN-LOSS-MAX	Threshold Crossing Alert	Event	OPT/NA
T-TOT-SPAN-LOSS-MIN	Threshold Crossing Alert	Event	OPT/NA
T-TX-PWR-MAX	Threshold Crossing Alert	Event	OCH/NA

Condition Name	Description	Condition Type	Resource Type/Source
T-TX-PWR-MIN	Threshold Crossing Alert	Event	OCH/NA
T-UAS-PCS	Threshold Crossing Alert	Event	FC/NA
T-UAS-PM	Threshold Crossing Alert	Event	ODUk/NA
T-UAS-SM	Threshold Crossing Alert	Event	OTUk/NA
T-UAS-TCM1	Threshold Crossing Alert	Event	ODUk/NA
T-UAS-TCM2	Threshold Crossing Alert	Event	ODUk/NA
T-UASL	Threshold Crossing Alert	Event	OCn/NA
T-UASS	Threshold Crossing Alert	Event	OCn/NA
T-UNC-WORDS	Threshold Crossing Alert	Event	OCH OTUk/NA
T-VOA-AVG	Threshold Crossing Alert	Event	OPT/NA
T-VOA-MAX	Threshold Crossing Alert	Event	OPT/NA
T-VOA-MIN	Threshold Crossing Alert	Event	OPT/NA
T-GFPSTATSROUNDTRIPLATENCYUSEC	Threshold Crossing Alert	Event	ETH/NA
T-RXCONTROLFRAMES	Threshold Crossing Alert	Event	ETH/NA
T-RXPAUSEFRAMES	Threshold Crossing Alert	Event	ETH/NA
T-RXPKTSDROPPED INTERNALCONGESTION	Threshold Crossing Alert	Event	ETH/NA
T-RXUNKNOWNOPCODEFRAMES	Threshold Crossing Alert	Event	ETH/NA
T-TXPAUSEFRAMES	Threshold Crossing Alert	Event	ETH/NA

Condition Name	Description	Condition Type	Resource Type/Source
T-TXPKTSDROPPED INTERNALCONGESTION	Threshold Crossing Alert	Event	ETH/NA

Alarm categories