

Cisco MGX 8800 Series Switch System Error Messages

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78-6840-02

Release 1.1.20

December, 1999

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About This Guide

This preface describes who should read the *Cisco MGX 8800 Series Switch System Error Messages* publication, how it is organized, and its document conventions.

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Who Should Read This Guide

This guide is designed for the installer and user with a working knowledge of the MGX 8800 series switch system software. Users of this guide might also include network administrators and other people responsible for setting up and maintaining this switch.

How This Guide Is Organized

The major sections of this guide are as follows:

Chapter 1	Error Message Format	Describes how to read a system or error message.
Chapter 2	Message and Recovery Procedures	Contains the message descriptions and recovery procedures.

Document Conventions

Screen examples use the following conventions:

boldface font	Commands and keywords are in boldface .
<i>italic</i> font	Arguments for which you supply values are in <i>italics</i> .
[]	Elements in square brackets are optional.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.
screen font	Terminal sessions and information the system displays are in screen font.
< >	Nonprinting characters, such as passwords are in angle brackets.
[]	Default responses to system prompts are in square brackets.
[dec]	Decimal
[chars]	Character string
[hex]	Hexadecimal integer

Notes use the following conventions:

Note Means *reader take note*. Notes contain helpful suggestions or references to material not covered in the publication.

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- Telnet: [cco.cisco.com](telnet://cco.cisco.com)
- Modem: From North America, 408 526-8070; from Europe, 33 1 64 46 40 82. Use the following terminal settings: VT100 emulation; databits: 8; parity: none; stop bits: 1; and connection rates up to 28.8 kbps.

For a copy of CCO's Frequently Asked Questions (FAQ), contact cco-help@cisco.com. For additional information, contact cco-team@cisco.com.

Error Message Format

This chapter describes how error messages are formatted. Not all messages indicate problems; some messages are only informational, while others help diagnose problems.

Messages are listed by the facility (hardware device, protocol, or a module or system software) that produces the messages. Within each facility, messages are listed by the severity level, from 1 through 7. Each message is followed by an explanation and a recommended action. Messages appear only when the system remains operational.

Message Structure

Messages similar to the following will appear in the error log:

```
04/27/1999-12:13:58 07 tTnInTsk01 CLI-7-CLITNLOG
cliTelnetd: client@171.71.25.240: telnet.01: disconnected
```

These messages are structured as follows:

```
mm/dd/yyyy-hh:mm:ss slot# taskname facility-severity-MNEMONIC description
```

where

`mm/dd/yyyy-hh:mm:ss` is the date and time of the error/event,

`slot#` is the slot number to which the message applies, and

`taskname` is the name of the task to which the message applies.

The remaining parts of the messages are described in the rest of this chapter.

Facility Codes

A *facility* code consists of two or more uppercase letters that indicate the reference facility to which the message refers. A facility can be a hardware device, a protocol, or a portion of the system software. (See Table 1-1.)

Table 1-1 Facility Codes

Code	Facility
BOOT	Bootstrap Module
CBC	Cell Bus Controller
CHS	Channel Statistics Module
CLI	Command Line Interface
CMM	Card Management Module
CNTP	Control Point Software
DBM	Database Manager
FILM	File Manager
ILMI	Integrated Local Management Interface
INST	Installation Module
LDRV	Line Driver
OAM	Operations Administration and Management Module
PIPC	MGX Inter Process Communication
PMM	MGX Management Module
QE	Queue Engine
RCMP	Routing Control Monitoring and Policing
RED	Redundancy Module
RFS	Remote File System
RMM	RPM Management Module
RVT	RPM Virtual Task
SAR	Segmentation and Reassembly

Table 1-1 Facility Codes (continued)

Code	Facility
SCM	Shelf Communication Module
SLFT	Selftest Module
SNMP	Simple Network Management Protocol
SPI	Switch Path Interface
SPM	Switch Path Management
SRM	Service Resource Module
SSI	System Service Interface
SYS	System Module
TFTP	Trivial File Transfer Protocol
VCNM	VSM Connection Management
VSI	Virtual Switch Interface
VSM	Virtual Service Module

Severity Levels

A *severity* level code is a single digit from 0 to 7 that reflects the severity of the condition. The lower the number, the more serious the situation. (See Table 1-2.)

Table 1-2 Message Severity Levels

Severity Level	Description
1 – fatal	Platform needs reset
2 – alert	Major alert condition
3 – alert	Minor alert condition
4 – error	Error condition detected
5 – warning	Warning condition detected
6 – notice	Normal but significant
7 – info	Informational

Mnemonic Codes

The *MNEMONIC* code uniquely identifies the error message. All mnemonics are all uppercase character strings.

Description Text Strings

A *description* text string describes the condition. Sometimes it contains detailed information about the event, including terminal port numbers, network addresses, or addresses that correspond to locations in the system memory address space. Because these variable fields can change from message to message, they are represented by short strings in square brackets ([]). A decimal number, for example, is represented as [dec]. (See Table 1-3.)

Table 1-3 Representation of Variable Fields in Messages

Representation	Type of Information
[dec]	Decimal
[chars]	Character string
[hex]	Hexadecimal integer

Message and Recovery Procedures

This chapter lists the error messages by facility. Within each facility, the messages are listed by severity levels 1 to 7, where 1 is the highest severity level and 7 is the lowest severity level. Each message is followed by an explanation and a recommended action.

Note The date/time stamp designation precedes every message; however, for the sake of simplifying this document, only the text of each message, alphabetized by category, is shown in this chapter.

Boot (BOOT) Messages

This section contains the boot (BOOT) messages.

Error Message BOOT-4-SERIALHUNGHCR: Serial port is hung HCR wrong
hcr=[dec]x.

Explanation The serial port is hung (HCR is set wrong), resetting the serial device.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the Processor Switch Module (PXM) to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message BOOT-4-SERIALHUNGREAD: Serial port is hung read int.
icr=[dec]x.

Explanation The serial port is hung (read interrupt disabled), resetting the serial device.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message BOOT-4-SERIALHUNGWRITE: Serial port is hung write int.
icr=[dec]x count=[dec].

Explanation The serial port is hung (write interrupt disabled), resetting the serial device.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Cell Bus Controller (CBC) Messages

This section contains the Cell Bus Controller (CBC) messages.

Error Message CBC-4-CBC_DRV_ERR1: Err1 : [chars] slot [dec] : [chars]

Explanation Unknown/Invalid Board Id.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message CBC-4-CBC_DRV_ERR2: Err2 : [chars] slot [dec] : [chars]

Explanation The given CBC Slot is unmapped and invalid.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message CBC-4-CBC_DRV_ERR3: Err3 : [chars] slot [dec] : [chars]

Explanation cbcIN(y/present deasserted).

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message CBC-4-CBC_DRV_ERR4: Err4 : [chars] slot [dec] : [chars]

Explanation Physical slot not configured to Logical slot.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message CBC-4-CBC_DRV_ERR: Err : [chars] param-id [dec] : [chars]

Explanation Unable to write to CBD chip.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message CBC-4-CBC_UTIL_ERR: Err : [chars] params [dec][dec][dec][dec]
: [chars]

Explanation RAM access failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Channel Statistics Module (CHS) Messages

This section contains the Channel Statistics Module (CHS) messages.

Error Message CHS-4-CHS_INIT_ERR: CHS : Task Init Failed

Explanation Channel initialization failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Command Line Interface (CLI) Messages

This section contains the Command Line Interface (CLI) messages.

Error Message CLI-7-CMDLOG: cliCmdLog: [chars]@[chars]: [chars]

Explanation The above command was entered by the user via CLI.

Recommended Action No action required.

Error Message CLI-4-CLISMTERMD: cliSmtermd: [chars]: failed

Explanation CLI API Error. A call to the above function failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message CLI-7-CLITNLOG: cliTelnetd: client@[chars]: [chars]

Explanation A telnet session was attempted by the user.

Recommended Action No action required.

Error Message CLI-5-AUTHENTICATION: [chars]@[chars]: [chars]

Explanation Could not send Login/Logout SNMP trap for CLI session.

Recommended Action No action required.

Error Message CLI-5-TASKDELETEFAIL: [chars]: ssiTaskDelete[chars]:
0x[dec]ed for [dec] trials in [dec] seconds

Explanation The task with given task id could not be deleted.

Recommended Action No action required.

Error Message CLI-5-GENERALWARNING: [chars]: [chars]: [chars]: [chars]

Explanation Problems caused by routine calls that need attention.

Recommended Action No action required.

Card Management Mode (CMM) Messages

This section contains the Card Management Mode (CMM) messages.

Error Message CMM-4-INIT_ERROR_CMM: Init Error: [chars]

Explanation CMM/VSM initialization error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message CMM-4-GET_MSG_ERROR: Get Message: [chars]

Explanation Error in receiving message.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message CMM-4-GET_EVENT_ERROR: Get Event: [chars] [dec]

Explanation Error in receiving event.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message CMM-5-UNKNOWN_MSG: UNknown message: [chars]

Explanation Unknown message received.

Recommended Action No action required.

Error Message CMM-4-SEND_MSG_ERROR: Send Message failed: [chars]

Explanation Error in sending a message.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message CMM-4-RCV_MSG_FAILED: Init Error: [chars]

Explanation Error in receiving messages.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message CMM-5-INVALID_SLOT_NO: Invalid Slot Number [chars] [dec]

Explanation The input parameter to this function was invalid.

Recommended Action No action required.

Error Message CMM-7-SLOT_NO_SET: updateSlotNum: Old S.N.= [dec] New S.N.=[dec]

Explanation Slot number is successfully set.

Recommended Action No action required.

Control Point Software (CNTP) Messages

This section contains the Control Point Software (CNTP) messages.

Error Message CNTP-7-MSGSUBS: cntpMsgBufTake : ssiFrameBufferAlloc failed [dec] times.

Explanation Attempt to allocate a buffer using ssiFrameBufferAlloc from the control point subsystem failed the specified number of times.

Recommended Action No action required.

Database Manager (DBM) Messages

This section contains the Database Manager (DBM) messages.

Error Message DBM-4-PARMINVALID: Parm [chars] value '0x[hex]' is invalid to [chars].

Explanation API Software Error. The parameter value for the named parameter passed in as an argument to the named function was invalid.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-PARMINVLENGTH: Parm [chars] invalid length of [dec] to [chars]. Max=[dec] Value='[chars]'

Explanation API Software Error. The named parameter passed in as an argument to the named function either had a length of zero or exceeded the maximum value specified.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-PARMINVCHAR: Parm [chars] '[chars]' has invalid char of '[chars]'.

Explanation API Software Error. The named parameter passed in as an argument to the named function had an invalid character in the string.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-PARMOUTOFRANGE: Parm [chars] '[dec]' is out of range [dec]-[dec] to [chars].

Explanation API Software Error. The parameter value for the named parameter passed in as an argument to the named function is out of the specified range of values.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-PARMMAXEXCEEDED: Parm [chars] '[dec]' has exceeded max [dec] to [chars].

Explanation API Software Error. The parameter value for the named parameter passed in as an argument to the named function exceeded maximum value specified.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-PARMRANGEINV: [chars] range [dec]-[dec] exceeds [chars] max [dec] to [chars].

Explanation API Software Error. An invalid parameter range was specified for the name function. The starting number plus the number to do exceeds the total number available in the specified database object.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-STATEINVALID: EVENT_DUMP_TRACE 0 State '[chars]' for [chars] '[chars]' is invalid to [chars].

Explanation API Software Error. The state for the specified database object was invalid for the named function. A call was made out of sequence or too soon to be serviced. Any previous database failures could cause this condition.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-NOTACTIVEUPDATE: Db [chars] update when card is not active in [chars].

Explanation API Software Error. A database update operation was attempted for the named database when the card is not active. This happened in the named function. Updates can only be done on the active card.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-RAMACCESSFAIL: EVENT_DUMP_TRACE 0 Ram Table '[chars]' access to elmt [dec] failed in [chars].

Explanation Unable to get RAM data for the specified table and specified element number in the named function. The element block pointer is invalid. There is no data block available for the element.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-TBLFUNCFAIL: EVENT_DUMP_TRACE 0 Db Table '[chars]' [chars] function failed. rc=[dec] Func=

Explanation The specified callback function for the specified table failed with the return code specified. The function address which failed is also specified.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-NAMEDUPLICATE: Name '[chars]' is duplicate to [chars].

Explanation A duplicate name was passed as an argument to the named function. That name has already been used.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-TBLNOTEXIST: Table [chars] does not exist for db [chars]. Add not allowed.

Explanation The named table does not exist for the previously created named database. A table cannot be added to a previously registered database or once registration complete has been called.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-TBLCONFIGDIFF: Db config diff from disk. Field=[chars] Table=[chars].

Explanation The configured size of the specified database table changed from the disk config without a version change. The database version must be upgraded to support the config change or the database must be deleted first.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-NOTSUPPORTED: [chars] operation is not supported in [chars].

Explanation The named operation is not currently supported in the specified function.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-TBLNOTREGSTR: EVENT_DUMP_TRACE 0 Table [chars] for db [chars] has not been registered.

Explanation The specified table name has not been registered during the initialization of the software. The table exists in the current version of the database.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-5-NOUPDATETOCMT: No Updates to Db [chars] found to be committed in [chars].

Explanation API Software Error. There are no updates to be committed to the specified database even though database commit has been called.

Recommended Action No action required.

Error Message DBM-4-SEMCREATEFAIL: Db [chars][chars] sem create failed in [chars]. errno=[hex].

Explanation Unable to create the specified semaphore in the named function. It failed with the specified error number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-SEMTAKEFAIL: Db [chars][chars] sem take failed in [chars]. rc=[dec] errno=[hex].

Explanation Unable to take the specified semaphore for the specified database in the named function. It failed with the specified return code and error number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-PORTCREATEFAIL: Db ipc port [dec] create failed in [chars]. rc=[dec] errno=[hex].

Explanation Unable to create the specified pipc port in the named function. It failed with the specified return code and error number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-IPCGETBUFFAIL: Db get ipc buffer failed in [chars]. size=[dec] rc=[dec] errno=[hex].

Explanation Unable to get a pipc memory buffer. It failed with the specified return code and error number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-MSGSENDFAIL: Db [chars] send failed in [chars]. Type=[chars] rc=[dec] errno=[hex].

Explanation Unable to send a pipc message of the specified type to other pxm card. It failed with the specified return code and error number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-MEMALLOCFAIL: Db [chars][chars] memory alloc failed in [chars]. errno=[hex].

Explanation Unable to allocate the specified memory buffer for the specified database in the named function. It failed with the specified error number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-TASKSPAWNFAIL: Db [chars] task [chars] failed in [chars]. rc=[dec] errno=[hex].

Explanation Unable to spawn the specified task in the named function. It failed with the specified rc and error number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-PMMFUNCFAIL: Db manager call to [chars] failed in [chars]. rc=[dec] errno=[hex].

Explanation The specified PMM function call failed. It failed with the specified return code and error number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-REGISTERFAIL: Db [chars] register [chars] failed in [chars].

Explanation Unable to perform the specified operation to the disk db table for the specified database in the named function.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-DISKOPFAIL: Db [chars] disk [chars] failed in [chars].

Explanation Unable to perform the specified operation to the disk db table for the specified database in the named function.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-SENDOPFAIL: Db [chars] send [chars] failed in [chars].

Explanation Unable to perform the specified send operation for the specified database in the named function.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-SYNCOFAIL: Db [chars] sync [chars] failed in [chars].

Explanation Unable to perform the specified sync operation for the specified database in the named function.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-VEROPFAIL: Failed to [chars] version file for db '[chars]' in [chars].

Explanation The specified operation on the version file for the specified disk database has failed in the named function. See previous event for detailed failure information and next event for error context.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-MAPOPFAIL: Failed to [chars] map file for db '[chars]' in [chars].

Explanation The specified operation on the map control file for the specified disk database has failed in the named function. See previous event for detailed failure information and next event for error context.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-TBLOPFAIL: Failed to [chars] disk db table '[chars]' in [chars].

Explanation The specified operation on the specified disk database table has failed in the named function. See previous event for detailed failure information and next event for error context.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-DIRTREERMFAIL: Db '[chars]' directory tree remove failed in [chars].

Explanation Unable to remove directory tree for the specified database in the named function.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-LISTADDFAIL: Db '[chars]' list add to Sync Task failed in [chars].

Explanation Unable to add specified message to db list for Dbm Sync task to process. See previous event for detailed failure information.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-MSGPROCFAIL: Failed to process [chars] msg for db [chars] in [chars].

Explanation The processing of the specified message for the specified database has failed in the named function. See previous event for detailed failure information.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-SYNCFSENDFAIL: Failed to send sync [chars] msg for db [chars] in [chars].

Explanation The sending of the specified message for the specified database has failed in the named function. See previous event for detailed failure information.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-MAPHDRDIFF: Db '[chars]' map file is corrupted. Header field=[chars].

Explanation The disk map control file in the version directory for the specified database does not contain the correct header information. The database files are corrupt or were restored to the wrong location. The disk or filesystem could also have a problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-MAPSCORRUPT: Db '[chars]' map checksum is corrupted. DiffSum=[hex].

Explanation The disk flag control file in the version directory for the specified database does not match the correct version. The database files are corrupt or were restored to the wrong location. The disk or filesystem could also have a problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-TBLHDRDIFF: Db Table '[chars]' file is corrupted. Header field=[chars].

Explanation The disk table file in the version directory for the specified database does not contain the correct header information. The database files are corrupt or were restored to the wrong location. The disk or filesystem could also have a problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-3-TBLELMTCORRUPT: Db Table '[chars]' element [dec] is corrupted. Invalidated.

Explanation The specified disk table file had a corrupted element. It has been invalidated and reset to the default state. Data has been lost in the table.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-TBLCSCORRUPT: Db '[chars]' map tbl [dec] checksum is corrupted. DiffSum=[hex].

Explanation The specified database map file for the specified table number does not contain the correct checksum information. The map control file is corrupt or were restored to the wrong location.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-3-TBLDATACHANGED: EVENT_DUMP_TRACE 0 Db Table '[chars]' element [dec] data changed during write.

Explanation The specified disk table file has been corrupted by data being changed during a write. The commit of the update has been aborted.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-MSGINVALID: Received msg [chars] of [dec] is invalid to [chars].

Explanation The specified field of the message passed as a parameter to the named function was invalid.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-MSGTIMEOUT: Db Manager [chars] msg timed-out [dec] secs. Type=[chars].

Explanation The request to the database manager timed out the response. No response was given in indicated interval. The Database manager could have died or is hung processing this or another request.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-WINDOWTIMEOUT: Db '[chars]' msg window timed-out [dec] secs. Window=[dec].

Explanation The window resource request to get a buffer window timed out. It was unable to get a resource count in the time specified. Window resources have been lost for the database or message were lost.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-MSGNAMEINVALID: Msg [chars] name '[chars]' with key [dec] is invalid to [chars].

Explanation The specified name in the message passed as parameter to the named function was invalid. It was not found with the hashkey specified.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-MSGSEQUENCEINV: Msg [chars] sequence [dec] is invalid for db '[chars]'. Correct=[dec].

Explanation The specified sequence number in the message passed as parameter to the named function was invalid. The correct value is specified.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-MSGMISMATCH: Msg field [chars] value 0x[hex] is invalid to [chars]. Correct=0x[hex].

Explanation Internal Messaging Error. The field value for the named parameter passed in as an argument to the named function was invalid.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-2-COMMLOST: Communication for Db '[chars]' has been lost. Retried=[dec].

Explanation The communication between active and standby has been lost for the specified database name. Communication has been retried the specified number of times. Core Redundancy for the Database has been lost.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-2-SYNCFAIL: Database Sync to standby card failed. Unable to establish Core Redundancy.

Explanation The syncing of the databases to the standby card failed. Core Redundancy cannot be established.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-6-FILENAME: Db file name=[chars].

Explanation The specified filename is being reported as part of a file operation or I/O error. This event is associated with that error event from the same task.

Recommended Action No action required.

Error Message DBM-4-FILEOPFAIL: EVENT_DUMP_TRACE 0 Db file [chars] failed in [chars]. Fd=[dec] Errno=[hex].

Explanation The specified operation on a database file failed with the specified error number. There could be a problem with the disk or filesystem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-FILEIOFAIL: EVENT_DUMP_TRACE 0 Db file [chars] failed at [dec]. Fd=[dec] Len=[dec] Errno=[hex].

Explanation The specified operation on a database file failed with the specified error number. There could be a problem with the disk or filesystem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-DIROPFAIL: EVENT_DUMP_TRACE 0 Db directory [chars] failed. Errno=[hex] Dir=[chars].

Explanation The specified operation on a database directory failed with the specified error number. There could be a problem with the disk or filesystem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-INTPARMINVALID: Internal parm [chars] value '0x[hex]' is invalid to [chars].

Explanation Internal API Software Error. The parameter value for the named parameter passed in as an argument to the named function was invalid.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-INTPARMMAXEXCD: Internal Parm [chars] '[dec]' has exceeded max [dec] to [chars].

Explanation Internal API Software Error. The parameter value for the named parameter passed in as an argument to the named function exceeded maximum value specified.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-DBTABLEFULL: Db Table for [chars] is full. All [dec] entries are used.

Explanation The named table is full. There are no more entries available to create any database ids. The database manager limit needs to be increased.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-4-LISTEMPTY: Db [chars] buffer list is empty when it shouldn't be.

Explanation The buffer list for the named database is empty when it should not be empty. The process count semaphore indicate there should be a message to process in the list.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message DBM-7-DBCREATE: Creating Disk Database '[chars]' Version [dec].[dec].[dec] on disk.

Explanation The disk database specified is being created for the first time on disk at the specified version.

Recommended Action No action required.

Error Message DBM-7-DBUPGRADE: Upgrading Disk Db '[chars]' from Version [dec].[dec].[dec] to [dec].[dec].[dec].

Explanation The disk database specified is being upgraded from the specified version to the specified version.

Recommended Action No action required.

Error Message DBM-7-DBDOWNGRADE: Downgrading Disk Db '[chars]' to [dec].[dec].[dec]. Changes may be lost!

Explanation The disk database specified is being downgraded to the specified version.

Recommended Action No action required.

Error Message DBM-7-TBLCREATE: Creating Disk Db Table '[chars]' Num Elmts=[dec] Size=[dec] on disk.

Explanation The disk database table specified is being created for the first time on disk with the specified configuration.

Recommended Action No action required.

Error Message DBM-7-SYNCSTART: Starting sync for [chars][chars] on standby card.

Explanation The syncing of the specified database on the standby card has started. This must complete before the card will go to standby state.

Recommended Action No action required.

Error Message DBM-7-SYNCCOMPLETE: Sync complete for [chars][chars] on standby card.

Explanation The syncing of the specified database on the standby card is complete. This standby card can go to the standby state.

Recommended Action No action required.

Error Message DBM-7-PMMACTION: [chars] for [chars][chars].

Explanation The specified shelf action for the specified database has happened.

Recommended Action No action required.

File Manager (FILM) Messages

This section contains the File Manager (FILM) messages.

Error Message FILM-7-SM_FW_DNLD_PASS: [chars]: Firmware Download passed for Slot [dec] Firmware Download passed for Slot [dec]

Explanation Firmware was downloaded to the Service Module successfully.

Recommended Action No action required.

Error Message FILM-7-PXM_FW_DNLD: Downloaded PXM Revision : [chars]

Explanation This information event indicates that PXM Firmware has been downloaded.

Recommended Action No action required.

Error Message FILM-7-PXM_BKUP_DNLD: Downloaded PXM Backup Boot Revision : [chars]

Explanation PXM Backup Boot Code has been downloaded.

Recommended Action No action required.

Error Message FILM-4-BASISTSKSPWNERR: [chars]: Spawn Task Failed TaskName: [chars] Slot No : [dec] File Type : [dec]

Explanation Unable to create a new task.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message FILM-4-MSGQ_ERR: QName: [chars] SlotNo: [dec] FileType: [dec] Msg: [chars]

Explanation Unable to create a message queue.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message FILM-4-PARMINVALID: Parm [chars] value '0x[hex]' is invalid to [chars].

Explanation API Software Error. The parameter value for the named parameter passed in as an argument to the named function was invalid.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message FILM-4-DISKWRITEFAIL: EVENT_DUMP_TRACE 0 [chars]: Write to disk failed fileType is [dec]

Explanation Unable to write file to disk.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message FILM-4-MSG2SCMFAIL: EVENT_DUMP_TRACE 0 [chars]: slotNum is [dec] opType is [dec] fileType is [dec]

Explanation Unable to do intercard communication through SCM.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message FILM-4-FW_DNLD_FAILED: Failure Msg: [chars]

Explanation Firmware download failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message FILM-4-FOPEN_FAILED: EVENT_DUMP_TRACE 0 [chars]: slotNum [dec] fileType : [dec] Msg: [chars]

Explanation Open API of the specified file failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message FILM-7-FOPEN_PASSED: [chars]: slotNum: [dec] fileType: [dec] Msg: [chars]

Explanation Open API of the specified file passed.

Recommended Action No action required.

Error Message FILM-4-FREAD_FAILED: EVENT_DUMP_TRACE 0 [chars]: fd: [dec] slotNo: [dec] fileType: [dec] Msg: [chars]

Explanation File read failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message FILM-4-FWRITE_FAILED: EVENT_DUMP_TRACE 0 [chars]: fd: [dec] slotNo: [dec] fileType: [dec] Msg: [chars]

Explanation File write failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message FILM-7-FCLOSE_EVENT: [chars]: slotNum: [dec] fileType: [dec] Msg: [chars]

Explanation Closing the specified file.

Recommended Action No action required.

Error Message FILM-4-COMPARE_EVT: EVENT_DUMP_TRACE 0 [chars]: Param1 [dec] Param2 [dec] slotNo [dec] fileType [dec] Msg: [chars]

Explanation Card Type doesn't match the image header.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Hot Standby (HSB) Messages

This section contains messages related to the Hot Standby feature.

Error Message HSB-4-FUNCFAILSTK: [chars] : HSB subsystem call to [chars] failed. rc=[dec].

Explanation The specified function call failed. It failed with the specified return code. Astack trace was generated.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message HSB-4-FUNCFAIL: [chars] : HSB subsystem call to [chars] failed. rc=[dec].

Explanation The specified function call failed. It failed with the specified return code.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message HSB-4-RAMDBINITFAIL: [chars] : Ram DB initialization failed.

Explanation HSB Ram DB initialization failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Explanation HSB-4-RAMTBLREGFAIL: [chars] : Ram Table [chars] registration failed.

Explanation HSB Ram Table registration failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message HSB-4-RAMSTBYUPDFAIL: [chars] : Ram Table 0x[hex] update failed. Elt = [dec].

Explanation HSB Ram Table update to the standby failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message HSB-4-DBUPDINVACTIION: [chars] : Standby update action [dec] invalid.

Explanation Standby Ram update failed. Invalid action requested.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message HSB-4-DBUPDINVELTS: [chars] : Standby update start elt [dec] num elts [dec].

Explanation Standby update needs has the wrong number of elements.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message HSB-4-FRMBUFTAKEERR: [chars] : Attempt to get SAR Buffer of len [dec] failed.

Explanation Attempt to allocate a SAR Frame buffer failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message HSB-4-SSIMSGSENFFAIL: [chars]: ssiMsgSendWaitslot [dec] ptr 0x[hex] len [dec] failed.

Explanation Sending of incremental update to Hot Standby failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message HSB-4-INCRUPDTFAIL: [chars]: hsbSendMessageToSmslot [dec] ptr 0x[hex] len [dec] failed.

Explanation Forwarding of incremental update to Hot Standby failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message HSB-4-INCRUPDTDROP: Increment Update from slot [dec] to [dec] mib id row [dec] dropped.

Explanation Incremental update dropped. Not in Hot Standby state yet.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message HSB-4-DNLDBRAMFAIL: [chars]: downLoadBramfrom [dec] to [dec] failed.

Explanation Downloading of the configuration to the card failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message HSB-4-BRAMNOTFOUND: [chars]: Could not find configuration file for slot [dec].

Explanation The configuration for the given slot was not found.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Integrated Local Management Interface (ILMI) Messages

This section contains the Integrated Local Management Interface (ILMI) messages.

Error Message ILMI-4-INIT_ERROR_ILMI: Init Error: [chars]

Explanation Unable to create message queues during initialization.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-BAD_SNMP_VER: ILMI_BAD_SNMP_VERSION: [chars]

Explanation Bad SNMP version.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-ILMI_PARSE_ERR: ILMI_AUTH_PARSE_ERR: [chars]

Explanation SNMP community string purser error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-5-UNKNOWN_MSG: UNknown message: [chars]

Explanation Unknown message type received.

Recommended Action No action required.

Error Message ILMI-4-SEND_MSG_ERROR: Send Message failed: [chars]

Explanation Error during sending a message.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-RCV_MSG_ERROR: ILMI_RCV_MESSAGE_ERROR : [chars]

Explanation Error in receiving a message.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-INV_COMM_STR: ILMI_INVALID_COMM_STRING: [chars]

Explanation Invalid ILMI community string.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-ILMI_ASN1_ERR: ILMI_ASN1_PARSE_ERR: [chars]

Explanation PDU parsing function returned error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-INVALID_PDU: ILMI_INVALID_PDU_TYPE: [chars]

Explanation Received an invalid PDU.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-ILMI_TRAP_ERROR: ILMI_TRAP_ERROR: [chars]

Explanation Error in ILMI trap.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-MAKE_OCTET_ERR: ILMI_MAKE_OCTET_ERROR: [chars]

Explanation Error in making octet string.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-MAKE_PDU_ERR: ILMI_MAKE_PDU_ERROR: [chars]

Explanation Error PDU building function returned error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-MAKE_VARBND_ERR: ILMI_MAKE_VAR_BIND_ERROR: [chars]

Explanation Error in making Var Bind.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-CLONE_OID_ERR: ILMI_CLONE_OID_ERROR: [chars]

Explanation Clone Enterprise failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-MAKE_AUTH_ERR: ILMI_MAKE_AUTHENT_ERROR: [chars]

Explanation Error in authenticating the community string.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-ILMI_SNMP_ERR: ILMI_SNMP_ERROR: [chars]

Explanation SNMP related error happened.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-INV_PORT_NUM: INVALID_PORT_NUMBER: [chars] port no:
[dec]

Explanation Invalid port number in the parameter sent to this function.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-TBL_OVERFLOW: ILMI_PREFIX_TBL_OVERFLOW: [chars]

Explanation ILMI PrefixTable overflow.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-ILMI_MSG_ERR: ILMI_MSG_ERROR: [chars]

Explanation Error during sending a message.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-BUFALLOC_FAIL: ILMI_TX_BUFF_ALLOC_FAILS: [chars]

Explanation Memory not available.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-ILMI_OUT_OF_BUF: ILMI_OUT_OF_BUF : [chars]

Explanation Unable to allocate SAR buffer.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-ILMI_SSI_XMT: ILMI_SSI_XMT_FAILURE : [chars] [dec]

Explanation Frame transmission function returned error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message ILMI-4-SEM_GET_ERR: SEMAPHORE_GET_ERROR [chars]

Explanation Error while taking a semaphore.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Installation Module (INST) Messages

This section contains the Installation Module (INST) messages.

Error Message INST-4-INSTALL_ERROR: Init Error: [chars]

Explanation Initialization error in upgrade task.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message INST-4-WRNG_EVT_RCVD: [chars] CurrentEvent = [dec]

Explanation Wrong event received.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message INST-4-GET_MSG_ERROR: Get Message: [chars]

Explanation Error in receiving messages.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message INST-4-GET_BUFF_ERROR: Get pipcGetBuffer Error: [chars]

Explanation Error in allocating a buffer.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message INST-4-GET_EVENT_ERROR: Get Event: [chars] [dec]

Explanation Bad event received.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message INST-5-UNKNOWN_MSG: UNKnown message: [chars]

Explanation Unknown message type received.

Recommended Action No action required.

Error Message INST-4-SEND_MSG_ERROR: Send Message failed: [chars]

Explanation Error in sending a message.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message INST-4-RCV_MSG_FAILED: Init Error: [chars]

Explanation Error in receiving a message.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message INST-5-INVALID_SLOT_NO: Invalid Slot Number [chars] [dec]

Explanation This function received an invalid input parameter.

Recommended Action No action required.

Error Message INST-7-SLOT_NO_SET: updateSlotNum: Old S.N.= [dec] New S.N.=[dec]

Explanation Successful slot number update.

Recommended Action No action required.

Error Message INST-7-GOT_SYNC_MSG: Got Sync Msg from INSTALL Msg Q Id = [dec]

Explanation Received a sync message from INSTALL.

Recommended Action No action required.

Error Message INST-7-TIMER_EXPIRED: Timer Expired = [chars]

Explanation Timer expired notification.

Recommended Action No action required.

Error Message INST-7-ACCESS_FILE_ERR: [chars] : File Access Error for Upgrade/Downgrade

Explanation File read or write error.

Recommended Action No action required.

Error Message INST-4-MSGTO: [chars] : timeout waiting for response

Explanation Timeout waiting for response.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message INST-4-MSGNAK: [chars] : negative ack received

Explanation NAK message received notification.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message INST-4-INVMSG: [chars] : invalid message type [dec]

Explanation Invalid card message.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message INST-4-RCVERR: [chars] : error returned by ssiMsgReceive [dec]

Explanation Error in receiving a CLI message.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message INST-4-SENDERR: [chars] : error returned by ssiMsgSend [dec]

Explanation Error in sending a CLI message.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message INST-7-RESET: EVENT_WRITE_BRAM EVENT_NO_ACTION [chars]

Explanation Other PXM has successfully been reset.

Recommended Action No action required.

Error Message INST-7-ABORT: [chars] : aborting process current state [dec]

Explanation Starting the abort of all processes.

Recommended Action No action required.

Error Message INST-4-COPYERR: [chars] : error copying [chars] to other PXM [dec]

Explanation Downloading FW to a card failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message INST-7-COPY: [chars] : copying [chars] to other PXM

Explanation Downloading Firmware notification.

Recommended Action No action required.

Error Message INST-7-COPYDONE: [chars] : copying [chars] to other PXM done

Explanation Downloading of Firmware is successful.

Recommended Action No action required.

Error Message INST-7-CHANGESTATE: [chars] : changing state from [dec] to [dec]

Explanation Change of state notification.

Recommended Action No action required.

Error Message INST-7-CHANGESTATETO: [chars] : changing state to [dec]

Explanation Change of state notification.

Recommended Action No action required.

Error Message INST-7-COMMAND0: [chars]

Explanation rstupgrade command notification.

Recommended Action No action required.

Error Message INST-7-COMMAND1: [chars] [chars]

Explanation Beginning of install.

Recommended Action No action required.

Error Message INST-7-COMMAND2: [chars] [chars] [chars]

Explanation Notification of setting primary/secondary PXM image.

Recommended Action No action required.

Error Message INST-7-COMMAND3: [chars] [chars] [chars] [chars]

Explanation install command notification.

Recommended Action No action required.

Line Driver (LDRV) Messages

This section contains the Line Driver (LDRV) messages.

Error Message LDRV-4-DBNUMLINEINVL: Function= [chars]: Line number [dec]..[dec] exceeded Max [dec] Line per PSM.

Explanation Config update function detected number of requested lines exceed the maximum number of line in the PSM.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-DBVERSIONINVL: Invalid Database version detected: for [chars] from:[dec].[dec] to:[dec].[dec]

Explanation Unable to update the configuration data base because of the invalid DB version number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-PORTNUMINVL: [chars]:Invalid Port number: [dec]

Explanation Requested function detected invalid Port number passed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-UNKNOWNDCYPE: In function [chars] Unknown Daughter card type [dec] is detected

Explanation The pio does not indicate a known daughter card type.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-RCMPCONINVL: Invalid RCMP connection size: [dec] for the DC card = [chars]

Explanation The DC identification bits are invalid for number of RCMP connection.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-FPGADNLDERR: Fpga download on card ID = [dec] failed

Explanation System routine to download FPGA image on a card returns fail.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-BCDCMISMATCH: Back Card and Daughter card types don't match BC=[dec] DC=[dec]

Explanation Back card and daughter card type are mismatched.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-LINEALARMCHG: Line Alarm on port = [dec] severity = [chars]

Explanation Line alarm has been switched to a new state. The severity can be Major, Minor or Clear.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-LINESTATALARM: Statistical Alarm on Port: [dec] severity =[chars]

Explanation Statistical alarm has been switched to a new state. The severity can be Major, Minor or Clear.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-PLCPALARM: Plcp Alarm on Port: [dec] severity =[chars]

Explanation Plcp alarm has been switched to a new state. The severity can be Major, Minor or Clear.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-PLCPSTATALARM: Plcp Statistical Alarm on Port: [dec] severity =[chars]

Explanation Plcp alarm has been switched to a new state. The severity can be Major, Minor or Clear.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-7-CARDTYPEACTION: [chars] of type [chars] [chars]

Explanation Back card or Daughter card inserted or removed Line Driver enters Fail state if BC or DC is removed Line Driver enters Standby state if both BC and DC are inserted and matched.

Recommended Action No action required.

Error Message LDRV-4-UNKNOWNBCTYPE: Unknown Backcard card [dec]

Explanation The NOVRAM read from the card does not have a valid backcard type. The Line Driver enters Fail state until a valid back card is inserted.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-RCMPRSTFAIL: RCMP reset Failed for DC type [chars]

Explanation RCMP reset fail for the specified Daughter card. Line Driver enters Fail state.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-5-MSGLENGTHINVLD: Invalid Message length = [dec]

Explanation Invalid CMM Message length on this receive queue. Line Driver discarded the message.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-5-CARDSTATEINVLD: Invalid card state set request [dec]

Explanation CMM requests to set an invalid card state. Line Driver discarded the message.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-5-APPLTYPEINVLD: Invalid Message request type [dec]

Explanation CMM requests an invalid message type. Line Driver discarded the message.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-5-MSGSRCIDINVLD: Message from an unexpected source [dec]

Explanation Message from an unexpected source. Line Driver discarded the message.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-5-MISDIRECTEDMSG: Misdirected message [dec]

Explanation Message not intended for Ldrv is detected. Line Driver discarded the message.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-RCVMSGFAILED: Unable to receive message in the message queue

Explanation SSI receive message routine detected an error. Message is being lost.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-MIBCNFMISMATCH: HW card types don't match MIB cfg
HW=[chars] MIB= [chars]

Explanation DC and C type did not match with the MIB config type This could happen when user is swapping different line cards. Line Driver will use default configuration.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-SONETLINEINVLD: Invalid sonetLine/sonetCfg Number [dec] in Config data base. Expected lineNum= [dec]

Explanation Sonet Line number does not match with the configuration database.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-SCRAMOPTINVLD: Invalid frameScrambling option = [dec] in Config data base

Explanation Invalid SONET Scrambling option is detected in the configuration. It has to be either enabled or disabled. Line Driver will reset config to default value.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-SONETMEDINVLD: Invalid sonet medium [dec] in BRAM is detected

Explanation Invalid SONET medium is detected in the configuration. Line Driver will reset config to default value.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-SECTTRACEINVLD: Invalid section Trace Number [dec] in Config data base is detected

Explanation Invalid section Trace Number is detected in the configuration. Line Driver will reset config to default value.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-ALMSERVINVLD: Invalid statSeverity/lineAlmCfg [dec] in Config data base is detected

Explanation Invalid statSeverity/lineAlmCfg is detected in the configuration. Line Driver will reset config to default value.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-DS3LNINVLD: Out of Range 1..255 dsx3LineLength= [dec] in Config data base is detected

Explanation dsx3LineLength not in the range of 1..255. Line Driver will reset config to default value.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-DS3REDSEV: Out of Range minor..major dsx3RedSeverity= [dec] in Config data base is detected

Explanation dsx3RedSeverity is not in the range of detected minor..major. Line Driver will reset config to default value.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-DS3LINEINVLID: Invalid line number = [dec] in Config data base is detected. Expected LineNum=[dec]

Explanation dsx3LineLength not in the range of 1..255. Line Driver will reset config to default value.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-DBREGISTERERR: Fail to registering [chars] data base type = [dec] version= [chars]

Explanation Unable to register the Line Driver data base. Ldrv task will not be able to spawn properly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-DBTBLERROR: Fail to register TBL [chars] NumElm=[dec] ElmSize=[dec] Upgrd=0x[dec]wngrd=0x

Explanation Unable to register a table entry into the database. Ldrv task will not be able to spawn properly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-DBTBLIDINVLID: [chars] Table [chars]: is invalid. Table type=[dec] Line Number=[dec]

Explanation Unable to read/update database entry because of invalid table ID. Ldrv task will not be able to spawn properly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-DBMISMATCH: Database does not matched with the line type =[dec]. Default the configuration

Explanation The database has information that conflicts with the current Back card type. Line Driver will reset config to default value.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-PLPPDS3LNINVLID: In Function [chars] Line number [dec] is invalid Not in range of 1..2

Explanation Unable to read/write DSx3 PLPP register because of invalid line number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-PLPPOC3LNINVLID: In Function [chars] Line number [dec] is invalid Not in range of 1..2

Explanation Unable to read/write OC3 PLPP register because of invalid line number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-PLPPOC12LNINVLID: In Function [chars] Line number [dec] is invalid Not in range of 1..2

Explanation Unable to read/write OC12 PLPP register because of invalid line number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-CLKIMPINVLID: External Clock impedance = [dec] is invalid

Explanation External Clock impedance is invalid. Expected value is 75 or 120 Ohms.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-CLKCONNINVL: External Clock connector type = [dec] is invalid

Explanation External Clock connector type is invalid. Expected value is RJ45 or SMB.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-CLKINBAND1INVL: Inband recovered Clock line number = [dec] is invalid

Explanation Inband recovered clock has invalid line number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-CLKINBAND2INVL: Inband Frame Pulse Clock has line number = [dec] is invalid

Explanation Inband Frame Pulse Clock has invalid line number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-CLKOPTINVL: Requested Inband Frame Pulse Clock source = [dec] but configuration doesn't allow it

Explanation Requested Inband Frame Pulse Clock source but configuration doesn't allow it.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-CLKSRCUNKNOWN: Unable to config requested clock source because clock source [dec] is unknown

Explanation Unable to config requested clock source because clock source is unknown.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-CLKMUXUNKNOWN: Unable to config requested clock source because clock MUX [dec] is unknown

Explanation Unable to config requested clock source because clock MUX is unknown.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-4-CLKSRCCHANGE: Current Clock source changed to [chars]

Explanation Line Driver Clock source changed the current clock source selection.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-7-CLKSETREQ: Clock config Set for [chars] clock source

Explanation An SNMP config set request is made to the clock module to switch clock.

Recommended Action No action required.

Error Message LDRV-7-SETIFERR: Set Interface Type for Port = [dec] with invalid type [dec]

Explanation A request was made to set interface type with invalid ifType.

Recommended Action No action required.

Error Message LDRV-4-INVALID_PARAMS: QUNI: Invalid Parameters: [chars] [dec]

Explanation Invalid parameters passed into function.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message LDRV-6-QUNI_CFG_COND: QUNI chip Cfg for all lines MIB_OBJ: [chars][dec]

Explanation Some of QUNI chip config parameters apply to all lines, even when a change is effected through one MIB object

Recommended Action No action required.

Operations Administration and Management Module (OAM) Messages

This section contains the Operations Administration and Management Module (OAM) messages.

Error Message OAM-7-INIT_SUCCESS: OAM : Task Init Success

Explanation OAM Task Init Success.

Recommended Action No action required.

Error Message OAM-7-RCV_MSG_FAIL: OAM : Message Receive Failed

Explanation Message receive failed.

Recommended Action No action required.

Error Message OAM-7-RCV_CELL_FAIL: OAM : Cell Receive from SAR Failed

Explanation Failure in receiving a cell.

Recommended Action No action required.

MGX Inter Process Communication (PIPC) Messages

This section contains the MGX Inter Process Communication (PIPC) messages.

Error Message PIPC-4-MAJ_ERR_LOG: [chars]

Explanation PIPC Severe Error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

MGX Management Module (PMM) Messages

This section contains the MGX Management Module (PMM) messages.

Error Message PMM-4-SWITCH_DEFAULT: Switch default: [chars] [dec]

Explanation The 'default' case in a switch statement has been hit.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message PMM-4-SWCH_DEF_STR: Switch default: [chars] [dec]

Explanation The 'default' case in a switch statement has been hit.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message PMM-4-SYNC_REQ_ERR: Sync request to [chars] with slot [dec] failed

Explanation Synchronization request between requested slots failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message PMM-4-BUF_ERR: Get Buffer failed: [chars] [dec]

Explanation Buffer allocation failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message PMM-4-MSG_RSP_ERR: MSG resp err: [chars] [dec]

Explanation Message error happened during sending a response.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message PMM-4-MSG_Q_ERR: MSG Q Err: [chars] [dec]

Explanation Error happened in sending a message.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message PMM-5-PMM_TOUT: PMM Timeout: [chars] [dec]

Explanation PMM time out.

Recommended Action No action required.

Error Message PMM-5-TMR_ERR: TimerError: [chars] [dec]

Explanation Application Timer Add function failed.

Recommended Action No action required.

Error Message PMM-7-SWITCHOVER: Switchover: [chars] [dec]

Explanation Card assuming Mastership.

Recommended Action No action required.

Error Message PMM-7-IF_ERR: Interface Error: [chars] [dec]

Explanation Input parameter to a function is invalid or a task reported error.

Recommended Action No action required.

Error Message PMM-4-API_ERR: [chars]: External API [chars] returns Error\n

Explanation API Error. This error occurs when an API of a different module, such as SSI, returns an error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message PMM-5-TASK_SPAWN_ERR: [chars]: ssiTaskSpawn\[chars]\ [chars]: 0x

Explanation Unable to create a new task.

Recommended Action No action required.

Error Message PMM-7-INIT_ERR: INIT Error: [chars]

Explanation Initialization error.

Recommended Action No action required.

Error Message PMM-4-FSM_ERR: FSM Error: [chars] cur=[chars] prev=[chars] evt=[chars]

Explanation Invalid state or received invalid event as an input parameter.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message PMM-7-FSM_RPT: FSM Report: [chars] cur=[chars] evt=[chars]

Explanation A peer communication between the Master and the slave happened.

Recommended Action No action required.

Error Message PMM-4-GO_ACTIVE_ERR: Go Active sync failed in module [chars]

Explanation Error occurred while trying to go active.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message PMM-7-RST_REQ: Reset request: [chars] [dec]

Explanation Resetting either Master or the Slave.

Recommended Action No action required.

Error Message PMM-4-DB_ERR: Database Error: [chars] [dec]

Explanation Database update failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message PMM-4-DNLD_ERR: Standby Update Error: [chars]

Explanation Download or RAM update error occurred.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message PMM-4-RED_STATUS: Redundancy Status Change for bit [chars] now [chars]

Explanation Redundancy status changed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message PMM-7-BCAST_DATETIME: Periodic Broadcast of Date and Time to SMs and Standby PXM

Explanation This information event indicates that the date and time is broadcast periodically to SMs and Standby PXM.

Recommended Action No action required.

Error Message PMM-7-ENET_ENABLE: [chars]: Enabling Ethernet Interface on ActivePXM in Slot [dec]

Explanation This information event indicates that the Ethernet interface on Active PXM is enabled.

Recommended Action No action required.

Error Message PMM-7-CLR_DB_REQ: [chars]: Clearing the Database due to new FW download and reset request from Master PXM

Explanation This information event indicates that the Database is to be cleared on the Standby, whenever a new fw is downloaded and reset request from Master PXM is issued.

Recommended Action No action required.

Error Message PMM-7-NNAME_RCVD: [chars]: Nodename is [chars] Nodename Trap received by Platform PMM

Explanation This information event indicates that the nodename from VSI Controllers (PAR) is received by the platform.

Recommended Action No action required.

Error Message PMM-4-ADC_CONV_ERROR: ADC Conversion Failed

Explanation ADC Conversion error happened.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message PMM-4-ADC_ERROR: ADC Error

Explanation ADC related error happened.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message PMM-4-ADC_MIDCAL_ERR: ADC MidVoltage calculation error

Explanation ADC MidVoltage calculation error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message PMM-7-ASM_READING: ASM Reading : [chars]

Explanation Successfully Read Fan RPM.

Recommended Action No action required.

Queue Engine (QE) Messages

This section contains the Queue Engine (QE) messages.

Error Message QE-4-FAIL2REFRESH: QE Initialization Error: qeInitConfigReg

Explanation The specified QE is unable to initialize during the refresh cycle.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message QE-4-EXPMANTISAFAIL: QE Initialization Error:
qeSetAcpCellCntRam

Explanation The specified QE is unable to convert Cell Loss Threshold into Exp format.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message QE-4-UNKNOWNINT: QE Unknown Interrupt Error: EQ No: [dec]
status1 = [dec] status2 = [dec] status3 = [dec]\n

Explanation The specified QE got unknown interrupt signal from the system.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message QE-4-ERRINTERRUPT: QE Unknown Interrupt Error: QE No: [dec]
status1 = [dec] status2 = [dec] status3 = [dec]\n

Explanation The specified QE got error interrupt signal from the system.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Routing, Control, Monitoring, and Policing (RCMP) Messages

This section contains the Routing, Control, Monitoring, and Policing (RCMP) messages.

Error Message RCMP-4-INIT_ERR: rpDriverInit: Error exit due to [chars]

Explanation rpDriverInit routine failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RCMP-7-GEN_ERR: [chars]

Explanation General Error.

Recommended Action No action required.

Error Message RCMP-7-ADD_CON_ERR: [chars] [dec]

Explanation Error while adding connections.

Recommended Action No action required.

Error Message RCMP-7-SRAM_ERR: [chars]

Explanation Static RAM read/write error occurred.

Recommended Action No action required.

Redundancy Module (RED) Messages

This section contains the Redundancy Module (RED) messages.

Error Message RED-7-MSGQSEND: ACRED: Could not send MSG to SM

Explanation AC_SEND_MSG_FAILED_ERR

Recommended Action No action required.

Error Message RED-7-GENERAL: ACRED: General ERROR

Explanation AC_GEN_ERR

Recommended Action No action required.

Error Message RED-7-INFORM: ACRED: Informational

Explanation AC_INFO_ERR)

Recommended Action No action required.

Error Message RED-7-MEMCORRT: ACRED: Memory corruption in system

Explanation AC_MEM_ERR

Recommended Action No action required.

Error Message RED-7-TIMEOUT: ACRED: State Time out

Explanation AC_TIME_OUT_ERR

Recommended Action No action required.

Error Message RED-7-WRONGMSG: ACRED: Wrong Message Received

Explanation AC_WRONG_MSG_ERR

Recommended Action No action required.

Error Message RED-7-DNLDERR: ACRED: Download BRAM Failed

Explanation AC_DWNL_BRAM_ERR

Recommended Action No action required.

Error Message RED-7-UPLDERR: ACRED: Upload BRAM Failed

Explanation AC_UPLD_BRAM_ERR

Recommended Action No action required.

Error Message RED-7-MSG_DATA_ERROR: msg data err [chars]

Explanation Message error. Data Errors and Unknown Msgs.

Recommended Action No action required.

Error Message RED-7-AC_SEND_MSG_ERR: Could not send MSG to SM [chars]

Explanation Auto Card send message failed error.

Recommended Action No action required.

Error Message RED-7-AC_GEN_ERR: General ERROR [chars]

Explanation Auto Card PMM related failure / BRAM related failure.

Recommended Action No action required.

Error Message RED-7-AC_INFO_ERR: Error Event [chars]

Explanation Autocard error event.

Recommended Action No action required.

Error Message RED-7-AC_MEM_ERR: Memory error in system [chars]

Explanation Auto Card memory error.

Recommended Action No action required.

Error Message RED-7-AC_TIME_OUT_ERR: State Time out [chars]

Explanation Auto Card time out error.

Recommended Action No action required.

Error Message RED-7-AC_WRNMSG_ERR: ACRED: Wrong msg rcvd [chars]

Explanation Auto Card wrong message type error.

Recommended Action No action required.

Error Message RED-7-AC_DWNLBRAMERR: ACRED: Download BRAM Failed [chars]

Explanation BRAM download error.

Recommended Action No action required.

Error Message RED-7-AC_UPLDBRAMERR: ACRED: Upload BRAM Failed [chars]

Explanation BRAM upload error.

Recommended Action No action required.

Error Message RED-7-BADARCERR: [chars]: BAD Archive from slot [dec].

Explanation Service Module received a bad configuration file.

Recommended Action No action required.

Error Message RED-7-SMM_ERROR_GEN: General Error [chars]

Explanation General system error.

Recommended Action No action required.

Error Message RED-7-SMM_INFO: System Information : [chars]

Explanation System Information.

Recommended Action No action required.

Error Message RED-7-BAD_SHLF_SLOT: Bad shelf slot num [chars]

Explanation SMM bad shelf slot.

Recommended Action No action required.

Remote File System (RFS) Messages

This section contains the Remote File System (RFS) messages.

Error Message RFS-4-NO_IPC_BUFFER: [chars]:[dec]: Could not get IPC buffer.

Explanation Unable to get buffer for communication.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RFS-4-PORT_CREATE_ERR: Could not create port: [chars].

Explanation Unable to create port for communication.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RFS-4-TASK_SPAWN_ERR: Could not spawn task [chars].

Explanation Unable to spawn task.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RFS-4-UNKNOWN_MSG: Unknown message received at [chars]. Type: [dec].

Explanation Unknown message received.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RFS-4-UNSUPPORTED_MSG: Unsupported message received at [chars]. Type: [dec].

Explanation Unsupported message received.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RFS-4-REQ_DROP: RFS request type [dec] DROPPED.

Explanation RFS request dropped.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

RPM Management Module (RMM) Messages

This section contains the RPM Management Module (RMM) messages.

Error Message RMM-4-NO_IPC_BUFFER: [chars]:[dec]: Could not get IPC buffer.

Explanation Unable to get buffer for communication.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RMM-4-PORT_CREATE_ERR: Could not create port: [chars].

Explanation Unable to create port for communication.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RMM-4-SEAT_CREATE_ERR: Could not create seat: [chars].

Explanation Unable to create seat for communication.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RMM-4-SEAT_DELETE_ERR: Could not delete seat: [chars].

Explanation Unable to delete seat.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RMM-4-TASK_SPAWN_ERR: Could not spawn task [chars].

Explanation Unable to spawn task.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RMM-4-UNKNOWN_MSG: Unknown message received at [chars]. Type: [dec].

Explanation Unknown message received.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RMM-4-INIT_ACK_ERR: Could not ACK init of task [chars].

Explanation Unable to ack task init.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RMM-4-TASK_INIT_ERR: Task initialization failed for [chars].

Explanation Unable to init task.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RMM-4-TSK_GO_ACT_ERR: Task [chars] could not go ACTIVE.

Explanation Task unable to go ACTIVE.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RMM-4-CRDRDY_WAIT_ERR: Wait for card ready failed for [chars].

Explanation Unable to wait for card ready in task.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RMM-4-CRDACT_WAIT_ERR: Wait for card ACTIVE failed for [chars].

Explanation Unable to wait for the card to go ACTIVE.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RMM-4-UNREACHABLE: Unreachability violation in [chars]:[dec].

Explanation Unexpected seat transport_type.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RMM-7-RESYNC_SUCCESS: RMM seat resync success!!

Explanation RMM seat resync success!!

Recommended Action No action required.

Error Message RMM-4-SEAT_RESYNC_ERR: RMM seat resync failed.

Explanation Unable to resync seats.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RMM-4-SEAT_NOT_UP: Seat not up to [chars].

Explanation Seat is not up.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RMM-4-INIT_FAILURE: Initialization failure : [chars].

Explanation Initialization failure : check string for details.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RMM-4-BAD_NUM_VALUE: [chars][dec]

Explanation Unexpected numeric value or return code.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RMM-4-BAD_STR_VALUE: [chars][chars]

Explanation Unexpected string value or return code.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

RPM Virtual Task (RVT) Messages

This section contains the RPM Virtual Task (RVT) messages.

Error Message RVT-4-INIT_ERROR: Init Error : [chars]

Explanation Error occurred when RVT task tried to initialize.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RVT-4-IOS_ERROR: IOS IPC Error : [chars]

Explanation An IOS IPC error occurred.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RVT-4-BULK_SUBIF_ERR: RPM Bulk Update failed for slot [dec]

Explanation RPM sub interface bulk update failed. There will be inconsistency between the database in RPM and PXM.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message RVT-4-CONN_RESYNC_ERR: Conn Resync Error : [chars]

Explanation A conn resync error occurred.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Segmentation and Reassembly (SAR) Messages

This section contains the Segmentation and Reassembly (SAR) messages.

Error Message SAR-4-SAR_DMA_ERR: SAR DMA Error : [chars] qe_no [dec] error-id [dec] error-loc [dec]

Explanation DMA error has happened.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Shelf Communication Module (SCM) Messages

This section contains the Shelf Communication Module (SCM) messages.

Error Message SCM-7-MSGQRCV: <[chars]> rcv msg error:

Explanation Error in receiving message.

Recommended Action No action required.

Error Message SCM-4-SPI_ERROR: [chars] [dec]

Explanation SPI path addition failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-4-INIT: psmScmInit failed

Explanation SCM initialization failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-4-UNKNOWN_MSG: unknown msg[chars] msgQid 0x[hex] srcId [dec] msgFmt [dec] msgType 0x[hex]

Explanation Unknown message type received.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-4-SEND_FAIL: [chars] msgType 0x[hex] msgQid 0x[hex] msgLen [dec]

Explanation SCM SSI message send to application failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-4-OVERSIZE_FRAME: Over size frame [dec]

Explanation Frame bigger than the expected size received.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-4-UNKNOWN_VALUE: <[chars]> unknown [chars] [dec]

Explanation Unknown cardInx value.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-4-UNKNOWN_FRAME: unknown frame msgQid [dec] [chars] [dec]

Explanation Unknown frame received.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-4-WRONG_STATE: Wrong state: [chars]: slot [dec]: state [dec]

Explanation Card is in the wrong state.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-4-NULLPTR: <[chars]> Data pointer is NULL

Explanation NULL pointer encountered.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-4-SCM_Q_OVERFLOW: slot [dec] priority [dec]

Explanation SCM queue overflow.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-4-SCM_PRI_ERROR: slot [dec] priority [dec]

Explanation Retransmit queue is empty.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-4-NODEST: Card [dec] doesn't exist [dec] [dec]

Explanation Destination not present.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-4-SEQ_NUM_MISMTCH: Mismatched sequence number for slot[dec]: expected [dec] rcv [dec]

Explanation SCM frame sequence number mismatch.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-4-OUT_OF_BUF: [char] Out of buffer

Explanation SSI frame buffer allocation function returned error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-4-SAR_RCV: Sar Rcv error rxStatus [dec]

Explanation Error in receiving SAR buffer.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-4-SSI_XMT: ssiFrameXmt failed, error status [dec]

Explanation Frame transmission error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-4-RESP_TIMEOUT: Timeout waiting for response for slot [dec] report to PMM

Explanation Response time out.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SCM-7-DEBUG: &msgEventScmDebug[0]

Explanation Debug event.

Recommended Action No action required.

Selftest Module (SLFT) Messages

This section contains the Selftest Module (SLFT) messages.

Error Message SLFT-4-SLFTST_FAILED: Card Fails due to Selftest Failure

Explanation Selftest of the card failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Simple Network Management Protocol (SNMP) Messages

This section contains the Simple Network Management Protocol (SNMP) messages.

Error Message SNMP-4-INVALIDINPUT: One of the inputs to the function [chars] was invalid.

Explanation API Software Error. The parameter value for one of the parameters passed in as an argument to the named function was invalid.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-PARMINVALID: Parm [chars] value '0x[hex]' is invalid to [chars].

Explanation API Software Error. The parameter value for the named parameter passed in as an argument to the named function was invalid.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-PARMINVLENGTH: Parm [chars] invalid length of [dec] to [chars]. Max=[dec] Value='[chars]'

Explanation API Software Error. The named parameter passed in as an argument to the named function either had a length of zero or exceeded the maximum value specified.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-FUNCFAILSTK: [chars] : SNMP subsystem call to [chars] failed. rc=[dec].

Explanation The specified function call failed. It failed with the specified return code. A stack trace was generated.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-FUNCFAIL: [chars] : SNMP subsystem call to [chars] failed. rc=[dec].

Explanation The specified function call failed. It failed with the specified return code.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-PARMOUTOFRANGE: [chars] : Parm [chars] '[dec]' is out of range [dec]-[dec].

Explanation API Software Error. The parameter value for the named parameter passed in as an argument to the named function is out of the specified range of values.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-MALLOCFAILED: [chars] : Call to ssiMalloc failed.

Explanation A call to allocate more memory has failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-OPENTRANSFAIL: OpenTransport failed.

Explanation An attempt to open the IP layer transport failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-BINDTRANSFAIL: BindTransport failed.

Explanation An attempt to bind to the IP layer transport failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-RCVFRTRNSFAIL: ReceiveFromTransport failed.

Explanation An attempt to receive a message from the IP layer failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-MSGSENFFAIL: [chars]: cntpMsgSendQueue [chars] ptr 0x[hex] len=[dec] failed.

Explanation An attempt to send a control point message failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-MSGRECVFAIL: [chars]: cntpMsgRecvQueue [chars] failed.

Explanation An attempt to receive a control point message buffer failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-BADSRMSLOT: [chars]: Invalid SRM slot [dec].

Explanation Invocation of a function using an invalid SRM slot.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-BADCARDTYPE: Could not send trap [dec] from slot [dec] sequence num [dec].

Explanation An attempt to generate a trap resulted in an error. The card type of the originating slot could not be identified.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-INVVARBIND: [chars] : Invalid Varbind type [dec].

Explanation An invalid varbind was detected during processing.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-SEMCREATEERR: [chars] : cntpSemBCreate failed.

Explanation An attempt to create the control point semaphore failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-SEMTAKEERR: [chars] : cntpSemBTakeBasisTrapSem 0x[hex] failed.

Explanation An attempt to take the control point semaphore failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-SEMGIVEERR: [chars] : cntpSemBGiveBasisTrapSem 0x[hex] failed.

Explanation An attempt to give the control point semaphore failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-BUFTAKEERR: [chars] : cntpMsgBufTakedataLn=[dec] failed.

Explanation An attempt to take a control point message buffer failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-FRMBUFTAKEERR: [chars] : Attempt to get SAR Buffer of len [dec] failed.

Explanation An attempt to allocate a SAR Frame buffer failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-7-TOOFEWVARBINDS: Trap [dec] from slot [dec] has only [dec] of the mandated Robust Trap varbinds.

Explanation An attempted trap generation was disallowed.

Recommended Action No action required.

Error Message SNMP-7-NOTRAPS: [chars] : Trap dropped because they are disallowed.

Explanation An attempted trap generation was disallowed.

Recommended Action No action required.

Error Message SNMP-6-TRAPLOG_WRAP: SNMP : Trap log wrapped around.

Explanation The RTM trap log buffer has wrapped around.

Recommended Action No action required.

Error Message SNMP-6-RMPORCLOSER: Port for RPM slot=[dec] already closed.

Explanation An attempt to close an RPM port failed because the port was already closed

Recommended Action No action required.

Error Message SNMP-4-RMOPENPORT: Opening RPM Port [chars] for slot=[dec] failed.

Explanation An attempt to open an RPM port failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-OPENPORT: [chars] : Opening Port [chars] failed.

Explanation An attempt to open an IPC port failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-PROCESSDEQ: [chars] : Call to process_dequeue0x[hex] failed.

Explanation A call to process_dequeue() failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-CREATEWATCHEDQ: [chars] : Call to create_watched_queue[chars] failed.

Explanation A call to create_watched_queue() failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-CREATENAMEDPORT: [chars] : Call to ipc_create_named_port[chars] failed.

Explanation A call to ipc_create_named_port() failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-GETPAKMSGFAIL: [chars] : Call to ipc_get_pak_message failed.

Explanation A call to ipc_get_pak_message() has failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-IPSENDMSGFAIL: [chars] : Call to ipc_send_message failed.

Explanation A call to ipc_send_message() has failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-MSG_TOO_SMALL: [chars] : Message of len [dec] was rejected as too small.

Explanation A message of a given length was considered too small.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-SOIINITFAIL: [chars] : Could not spawn PXM SOI Task.

Explanation A message of a given length was considered too small.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-DISKDBINITFAIL: [chars] : Disk DB initialization failed.

Explanation SNMP Disk DB initialization failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-DISKTBLREGFAIL: [chars] : Disk Table [chars] registration failed.

Explanation SNMP Disk Table registration failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-RAMDBINITFAIL: [chars] : Ram DB initialization failed.

Explanation SNMP RAM DB initialization failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-RAMTBLREGFAIL: [chars] : Ram Table [chars] registration failed.

Explanation SNMP RAM Table registration failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-RAMSTBYUPDFAIL: [chars] : Ram Table 0x[hex] update failed. Elt = [dec].

Explanation SNMP RAM Table update to the standby failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-DBUPDINVACTION: [chars] : Standby update action [dec] invalid.

Explanation Standby RAM update failed. Invalid action requested.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-DBUPDINVELTS: [chars] : Standby update start elt [dec] num elts [dec].

Explanation Standby update has the wrong number of elements.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message Error Message SNMP-4-DISKDBREADFAIL: [chars] : Disk DB Read failed.

Explanation Explanation SNMP Disk DB Read failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-DISKDBUPDTFAIL: [chars] : Disk DB Update for elt [dec] failed. Status [dec].

Explanation SNMP Disk DB Update failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-5-MSG_DROPPED: SNMP request from [dec].[dec].[dec].[dec] dropped due to lack of buffers.

Explanation An SNMP request was dropped due to inadequate resources.

Recommended Action No action required.

Error Message SNMP-5-TRAP_DROPPED: Could not generate SNMP trap due to lack of buffers.

Explanation An SNMP trap was dropped due to inadequate resources.

Recommended Action No action required.

Error Message SNMP-5-TRAPBADSTATE: Could not generate SNMP trap because the PXM state was invalid.

Explanation An SNMP trap was dropped because PXM state was invalid.

Recommended Action No action required.

Error Message SNMP-5-NONRTMTRAP: Non-RTM SNMP trap generic trap = [dec] specific trap = [dec] disallowed.

Explanation An attempt to generate a non-RTM SNMP trap was rejected.

Recommended Action No action required.

Error Message SNMP-4-UNKNOWNMSG: Unknown message received by [chars] from source [dec]

Explanation A message was received from an unexpected source.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the 'dsperr' command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the 'dsperr' output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SNMP-4-CLONETRAPERR: [chars]

Explanation API Error. Error in cloning an SNMP trap.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Switch Path Interface (SPI) Messages

This section contains the Switch Path Interface (SPI) messages.

Error Message SPI-4-SDRV_PATH_ERR: Switch Driver Error : [chars] glcn [dec] error-id [dec] error-loc [dec]

Explanation Switch Path related error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SPI-4-SDRV_CD_ERR: Switch Driver Error : [chars] error-id [dec] error-loc [dec]

Explanation Card driver error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SPI-4-SDRV_VI_ERR: Switch Driver Error : [chars] vi [dec] error-id [dec] error-loc [dec]

Explanation VI related error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SPI-4-SDRV_QB_ERR: Switch Driver Error : [chars] qbin [dec] error-id [dec] error-loc [dec]

Explanation QB error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SPI-4-SDRV_ERR: Switch Driver Error : error-id [dec]

Explanation SDRV error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Switch Path Management (SPM) Messages

This section contains the Switch Path Management (SPM) messages.

Error Message SPM-7-SHELFDB_INIT: Shelf Archive file header init failed [chars]

Explanation Failed to initialize shelf archive file header.

Recommended Action No action required.

Error Message SPM-7-SPM_SMDB_INIT: Slot [dec] Mib [dec] Archive Init Failed [chars]

Explanation Failed to initialize slot archive file.

Recommended Action No action required.

Error Message SPM-4-SPM_EPTDB_BAD: SPM database corrupt [chars]

Explanation SPM database corruption.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SPM-7-RM_RAMDB_INIT: Resource Mgr Ram DB init failed [chars]

Explanation Failed to initialize Resource RAM Database.

Recommended Action No action required.

Error Message SPM-7-SPM_TIMER_ERROR: Timer operation error [chars]

Explanation Failed to start the timer.

Recommended Action No action required.

Error Message SPM-7-SPM_MEM_ERROR: Memory allocation error [chars]

Explanation Failed to allocate memory.

Recommended Action No action required.

Error Message SPM-7-SPM_MSG_ERROR: Message send failed [chars]

Explanation Failed to send message.

Recommended Action No action required.

Error Message SPM-7-SPM_ERR_GEN: [chars]

Explanation General error.

Recommended Action No action required.

Error Message SPM-4-RM_API_ERROR: [chars] [dec] [dec]

Explanation RM API parameter error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SPM-4-RM_NULL_PTR: EVENT_DUMP_TRACE EVENT_NO_ACTION [chars] is NULL

Explanation NULL pointer in RM API.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SPM-4-SPM_BOTH_END_POINT_SAME_NSAP_VPI_VCI: [chars]: End points have same NSAP VPI and VCI FATAL ERROR: event SPM_BOTH_END_POINT_SAME_NSAP_VPI_VCI is more than 15 chars.

Explanation End points are same. End point includes nsap, vpi and vci.

Recommended Action No action required.

Service Resource Module (SRM) Messages

This section contains the Service Resource Module (SRM) messages.

Error Message SRM-4-DBTBLINIT_ERR: Fail to register TBL [chars] NumElm=[dec] ElmSize=[dec] Upgrd=0x[dec]wngrd=0x

Explanation Database Table initialization error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SRM-4-SRMCT_DBREG_ERR: Fail to registering [chars] data base type = [dec] version= [chars]

Explanation Unable to register the SRM TASK data base SRMCT task will not be able to spawn properly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SRM-4-DBTBLIDINVLID: [chars] Table [chars]: is invalid. Table type=[dec] idx =[dec]

Explanation Unable to read/update data base entry because of invalid table ID SRMCT task will not be able to spawn properly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SRM-4-DBTBLINVLD: [chars] Table [dec]: is invalid. Table type=[dec] idx =[dec]

Explanation Unable to read/update data base entry because of invalid table ID SRMCT task will not be able to spawn properly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SRM-4-SRMCT_INIT_ERR: Init Error: [chars]

Explanation SrmComTask initialization error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SRM-7-SRMCT_CD_INS: Got SRM Card Insert Msg. from PMM Slot [dec]

Explanation Card insertion notification.

Recommended Action No action required.

Error Message SRM-7-SRMCT_CD_REM: Got SRM Card Remove Msg. from PMM Slot [dec]

Explanation Card removal notification.

Recommended Action No action required.

Error Message SRM-7-SRMCT_BC_INS: SRM Back Card inserted or detected Slot [dec]

Explanation Successful back card detection.

Recommended Action No action required.

Error Message SRM-7-BC_MISSING: SRM Back Card missing or failed Slot [dec]

Explanation Unable to detect the back card.

Recommended Action No action required.

Error Message SRM-7-UNKNOWN_STATE: SRMCT entered in unknown state. Slot [dec]

Explanation SRM card in unknown state

Recommended Action No action required.

Error Message SRM-7-UNKNOWN_SRM: Unknown SRM card detected Slot [dec]

Explanation Unknown SRM card detected.

Recommended Action No action required.

Error Message SRM-7-PIO_INIT_FAIL: SrmInit: Failed to initialise PIOs Slot [dec]

Explanation PIO initialization failure.

Recommended Action No action required.

Error Message SRM-7-CARD_LOOSE: Card Loose

Explanation SRM PIOs indicate that the card is not inserted properly.

Recommended Action No action required.

Error Message SRM-7-XIL_IMG_ID: SRM Xilinx IMG ID. for slot [dec] [chars]

Explanation XIL image encountered.

Recommended Action No action required.

Error Message SRM-7-XIL_IMG_ERR: SRM Xilinx IMG Slot [dec] [chars]

Explanation Function that gets XIL image failed.

Recommended Action No action required.

Error Message SRM-7-XIL_DNLD_FAIL: SRM Xilinx download failed Slot [dec]

Explanation SRM XILINX down failed.

Recommended Action No action required.

Error Message SRM-7-SRMCT_FAIL_MSG: Received FAIL msg. from SRBM Task. Slot [dec]

Explanation SRM card failure message received.

Recommended Action No action required.

Error Message SRM-7-INVALID_MSG: SrmMsgHandler: Rcvd. Invalid request

Explanation Invalid SRM message received.

Recommended Action No action required.

Error Message SRM-7-CLR_SRM_CNF: Cleared SRM configuration

Explanation Successful SRM clear configuration.

Recommended Action No action required.

Error Message SRM-7-CLR_SRM_CNF_ERR: Clear SRM configuration error: [chars]

Explanation SRM configuration error.

Recommended Action No action required.

Error Message SRM-7-SRM_MISMATCH: SRM CARD MISMATCH:instance = [dec] HWREV=[hex] [chars]

Explanation SRM CARD went in to Mismatch because this hardware revision is not supported in POPEYE

Recommended Action No action required.

Error Message SRM-7-LEGACY_ERR_RPT: Srbm Error Rpt: [chars]: [chars]

Explanation Srbm error has occurred.

Recommended Action No action required.

System Service Interface (SSI) Messages

This section contains the System Service Interface (SSI) messages.

Error Message SSI-4-ARCH_ERROR: Archive Error : [chars]

Explanation The archive file doesn't exist on the service module.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-PARMINVALID: Parm [chars] value '0x[hex]' is invalid to [chars].

Explanation API Software Error. The parameter value for the named parameter passed in as an argument to the named function was invalid.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-PARMAXEXCEEDED: Parm [chars] '[dec]' has exceeded max [dec] to [chars].

Explanation API Software Error. The parameter value for the named parameter passed in as an argument to the named function exceeded maximum value specified.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-PARMOUTOFRANGE: Parm [chars] '[dec]' is out of range [dec]-[dec] to [chars].

Explanation API Software Error. The parameter value for the named parameter passed in as an argument to the named function is out of the specified range of values.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-6-RESETDUMPTRACE: A function trace dump is available from the last reset.

Explanation A function trace dump has been saved which contains a trace of the operations being done before the current reset. If the reset was a watchdog timeout then this information will indicate what was happening when the watchdog occurred.

Recommended Action No action required.

Error Message SSI-3-EXCEPTION: Software Exception: Vector [dec] EPC: 0x[hex] ADDR: 0x[hex].

Explanation A software exception has occurred. The vector number specifies the type of exception. The EPC is the program counter of the failing instruction. The address field is the address that was attempted to be accessed if a load or store TLB or Address exception. See the associated error log for additional information of the exception state.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-ISRNOTCALLABLE: Function [chars] cannot be called by Interrupt Service Routine.

Explanation The named function was called by an interrupt service routine and it cannot perform any blocking function calls.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TBLSEMTAKEFAIL: Unable to take Vx semaphore [chars] table. Errno=[hex]

Explanation The VxWorks semaphore used to protect the specified system table was not able to be taken. SSI may not be initialized properly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-OBJCREATENOMEM: [chars] creation failed due to memory shortage in Vxworks partition.

Explanation Creation of a Vxworks object failed due to a memory shortage in the VxWorks system memory partition.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-SEMTBLFULL: The system semaphore table is full. All [dec] entries are used.

Explanation The system semaphore table is full. There are no more entries available to create an SSI_SEMID. The system limit needs to be increased or dynamically created semaphores are not being deleted.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-SEMDAINVALID: Deadlock action [dec] is invalid to create SSI semaphore.

Explanation An invalid deadlock action value was passed in as an argument to create an SSI semaphore.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-SEMTYPEINVALID: Sem Type [dec] is invalid to create SSI semaphore.

Explanation An invalid semaphore type value was passed in as an argument to create an SSI semaphore.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-SEMOPTINVALID: Sem Option [dec] is invalid to create SSI semaphore of type [dec].

Explanation An invalid semaphore option value was passed in as an argument to create an SSI semaphore.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-SEMSTATEINVALID: Sem Initial State [dec] is invalid to create SSI semaphore.

Explanation An invalid semaphore initial state value was passed in as an argument to create an SSI semaphore.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-SEMCREATEFAIL: Semaphore creation failed. Errno=[hex].

Explanation Creation of a semaphore failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-SEMIDINVALID: An invalid SSI_SEMID of [chars] passed as an argument.

Explanation An invalid SSI semaphore id was passed in as an argument into the function. The SSI_SEMID is in the incorrect format.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-5-SEMIDDELETED: SSI_SEMID [chars] deleted and no longer exists.

Explanation The SSI semaphore id that was passed in as an argument is no longer valid. The SSI_SEMID probably has been deleted.

Recommended Action No action required.

Error Message SSI-5-SEMDELUNOWN: SSI_SEMID [chars] being deleted and is owned by another task

Explanation The SSI semaphore id that is being deleted is not owned by the deleting task and could be owned by another task. A mutual exclusion semaphore should be taken before deletion.

Recommended Action No action required.

Error Message SSI-4-SEMDELFAIL: Delete of semaphore [dec]ed. Errno=[hex]

Explanation The deletion of VxWorks semaphore used to implement the SSI_SEMID failed unexpectedly. Memory resources may have been lost.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-SEMTAKEFAIL: Take of semaphore [dec]ed. Errno=[hex]

Explanation The Take of VxWorks semaphore used to implement the SSI_SEMID failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-SEMGIVEUNOWN: SSI_SEMID [chars] not owned by giving task. It is owned by task

Explanation The SSI semaphore id that is being given is not owned by the giving task and mutual exclusion semaphore can only be given by the owning task.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-SEMGIVEFAIL: Give of semaphore [dec]ed. Errno=[hex]

Explanation The Give of VxWorks semaphore used to implement the SSI_SEMID failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-SEMFLUSHINV: SSI_SEMID [dec]ushed - operation invalid.

Explanation The SSI semaphore id that is being flushed does not support the flush operation and should not be called.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-SEMFLUSHFAIL: Flush of semaphore [dec]ed. Errno=[hex]

Explanation The Give of VxWorks semaphore used to implement the SSI_SEMID failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQTBLFULL: The system message queue table is full. All [dec] entries are used.

Explanation The system message queue table is full. There are no more entries available to create a SSI_MQID. The system limit needs to be increased or dynamically created message queues are not being deleted.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQMAXINVALID: Max messages value [dec] is invalid to create SSI message queue.

Explanation An invalid maximum number messages in the message queue was passed in as an argument to create an SSI message queue.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQMLENINVALID: Message length [dec] is invalid to create SSI message queue.

Explanation An invalid message length value was passed in as an argument to create an SSI message queue.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQOWNERINVALID: Owing Task [chars] invalid to create SSI message queue.

Explanation An invalid owner task id value was passed in as an argument to create an SSI message queue.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQOWNERNOTEXIST: Owing Task [dec]oes not exist to own created SSI message queue.

Explanation A nonexistent owner task id value was passed in as an argument to create an SSI message queue.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQCREATEFAIL: Message Queue creation failed. Errno=[hex].

Explanation Creation of a message queue failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQSEMCRFAIL: Creation of sync semaphore for SSI_MQID failed. Errno=[hex]

Explanation The creation of VxWorks semaphore used to synchronize multiple SSI_MQID message queues failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQIDINVALID: An invalid SSI_MQID of [chars] passed as an argument.

Explanation An invalid SSI message queue id was passed in as an argument into the function. The SSI_MQID is in the incorrect format.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-5-MQIDDELETED: SSI_MQID [chars] deleted and no longer exists.

Explanation The SSI message queue id that was passed in as an argument is no longer valid. The SSI_MQID probably has been deleted.

Recommended Action No action required.

Error Message SSI-4-MQQUOTAINVALID: Message queue quota value [dec] is invalid for SSI_MQID

Explanation An invalid message queue quota value was passed in as an argument to set the quota on a SSI message queue.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQSEMDELFAIL: Delete of sync semaphore [dec]ed. Errno=[hex]

Explanation The deletion of VxWorks semaphore used to synchronize multiple SSI_MQID message queues failed unexpectedly. Memory resources may have been lost.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQDELFAIL: Delete of message queue [dec]ed. Errno=[hex]

Explanation The deletion of VxWorks message queue used to implement the SSI_MQID failed unexpectedly. Memory resources may have been lost.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQFLSHRECVFAIL: Receive to flush Vx Message Queue [dec]ed. Errno=[hex].

Explanation The receive on the VxWorks message queue to flush it failed unexpectedly. It could have been corrupted or deleted unexpectedly

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQSENDLENINV: Message length of [dec] to send to SSI_MQID [chars] invalid.

Explanation An invalid message length value was passed in as an argument to send message to an SSI message queue.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQSENDFAIL: Send to Vx msgQ [dec]ed. Errno=[hex]

Explanation The send to VxWorks message queue used to implement the SSI_MQID failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQSEMGIVEFAIL: Give of sync semaphore [dec]ed. Errno=[hex]

Explanation The give of VxWorks semaphore used to synchronize multiple SSI_MQID message queues failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQISRSENDNZTO: Send to SSI_MQID [chars] done with timeout [dec] by ISR.

Explanation The send to message queue was done by an Interrupt Service Routine with a non zero timeout value. ISRs cannot block.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQRECVLENINV: Message length of [dec] to receive from SSI_MQID [chars] invalid.

Explanation An invalid message length value was passed in as an argument to receive message from an SSI message queue.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQRECVFAIL: Receive from Vx msgQ [dec]ed. Errno=[hex]

Explanation The receive from VxWorks message queue used to implement the SSI_MQID failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQSEMTAKEFAIL: Take of sync semaphore [dec]ed. Errno=[hex]

Explanation The give of VxWorks semaphore used to synchronize multiple SSI_MQID message queues failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQHNDLRINVALID: Msg Handler [chars] invalid to process msg for SSI_MQID

Explanation An invalid message handler function pointer value was passed in as an argument to create an SSI message queue that requires a message handler.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQHNDLRFAIL: Msg Handler [dec]ed processing msg for SSI_MQID [hex]

Explanation The message handler function returned failure while processing a message received in the SSI message queue.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQNUMMSGFAIL: Get num of msg in Vx msgQ [dec]ed. Errno=[hex]

Explanation Getting the number of messages in the VxWorks message queue used to implement the SSI_MQID failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQINFOPTRINV: Msg Info Ptr [chars] invalid to get info SSI_MQID

Explanation An invalid message info structure pointer value was passed in as an argument to get SSI message queue information.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MQINFOFAIL: Get info about Vx msgQ [dec]ed. Errno=[hex]

Explanation Getting the information about the VxWorks message queue used to implement the SSI_MQID failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TASKTBLFULL: The system task table is full. All [dec] entries are used.

Explanation The system task table is full. There are no more entries available to create a SSI_TID. The system limit needs to be increased or dynamically created tasks are not being deleted.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TASKSEMGIVEFAIL: Give of sync semaphore [dec]ed. Errno=[hex]

Explanation The give of VxWorks semaphore used to synchronize child SSI_TID initialization status with spawning parent failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-5-TASKINITPTO: SSI_TID [dec]nable to send init status because parent timed-out.

Explanation The child SSI_TID was unable to send its initialization status to the spawning parent task as the parent timed-out and is no longer waiting for the child status.

Recommended Action No action required.

Error Message SSI-5-TASKINITFAIL: SSI_TID [dec]lization failed. Errno=[hex]
- Task suspended.

Explanation The SSI_TID failed to initialize properly and was suspended to prevent further errors.

Recommended Action No action required.

Error Message SSI-4-TASKIDINVALID: An invalid SSI_TID of [chars] passed as an argument.

Explanation An invalid SSI task id was passed in as an argument into the function. The SSI_TID is in the incorrect format.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-5-TASKIDDELETED: SSI_TID [chars] deleted and no longer exists.

Explanation The SSI task id that was passed in as an argument is no longer valid. The SSI_TID probably has been deleted.

Recommended Action No action required.

Error Message SSI-4-TASKDELFAIL: Delete of task [dec]ed. Errno=[hex]

Explanation The deletion of VxWorks task used to implement the SSI_TID failed unexpectedly. Memory resources may have been lost.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-5-TASKDELSAFE: SSI_TID [chars] safe from deletion and is suspended.

Explanation The SSI task id that was passed in as an argument is safe from being deleted and it is also suspended. Task may have suspended on an exception after taking a task safe mutual exclusion semaphore.

Call to delete task is failed rather than cause hang condition to caller.

Recommended Action No action required.

Error Message SSI-4-TASKRESUMEFAIL: Resume of task [dec]ed. Errno=[hex]

Explanation The resumption of VxWorks task used to implement the SSI_TID failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TASKSUSPENDFAIL: Suspend of task [dec]ed. Errno=[hex]

Explanation The suspension of VxWorks task used to implement the SSI_TID failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-5-TASKSUSPENDSAFE: SSI_TID [chars] safe from deletion could be holding semaphores.

Explanation The SSI task id that was passed in as an argument is safe from being deleted. The task may be holding a mutual exclusion semaphore and should not be suspended. Suspension could result in a deadlock of the system. Suspension is failed rather than cause hang condition to system.

Recommended Action No action required.

Error Message SSI-4-TASKPRIOINVALID: Task priority value [dec] is invalid to create SSI task.

Explanation An invalid task priority number was passed in as an argument to create an SSI task.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TASKPGRPINVALID: Task priority group [dec] is invalid to create SSI task.

Explanation An invalid task priority group was passed in as an argument to create an SSI task.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TASKAPPLINVALID: Task application id value [dec] is invalid to create SSI task.

Explanation An invalid task application id value was passed in as an argument to create an SSI task.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TASKSTKSIZEINV: Task stack size value [dec] is invalid to create SSI task.

Explanation An invalid task stack size value was passed in as an argument to create an SSI task.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TASKSUSPACTINV: Task suspended action value [dec] is invalid to create SSI task.

Explanation An invalid task suspend action value was passed in as an argument to create an SSI task.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TASKFAILACTINV: Task fail action value [dec] is invalid to create SSI task.

Explanation An invalid task fail action value was passed in as an argument to create an SSI task.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TASKSEMCRFAIL: Creation of sync semaphore for SSI_TID failed. Errno=[hex]

Explanation The creation of VxWorks semaphore used to synchronize SSI_TID initialization with parent failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TASKSPAWNFAIL: Task spawn failed. Errno=[hex].

Explanation Spawning of a task failed unexpectedly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-5-TASKINITACKTO: SSI_TID [dec] out initialization of child SSI_TID

Explanation The parent SSI_TID timed out the send of initialization status from the child task. Either child task had problems or didn't wait long enough.

Recommended Action No action required.

Error Message SSI-4-TASKWACKFAIL: Failed to wait for init status from child SSI_TID [hex]

Explanation The parent SSI_TID was unable to wait for the send of initialization status from the child task.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-5-TASKDELMQOWN: SSI_TID [chars] being deleted and still owns message queues.

Explanation The SSI task id that is being deleted still owns message queues. These message queues should be deleted before the task is deleted if the task is not being recovered.

Recommended Action No action required.

Error Message SSI-4-INVPPARTPTR: The private partition structure has not been allocated.

Explanation The private partition structure which holds information about the partitions has not been allocated. This indicates a software problem (ssiMemPartInit has not been called, or the pointer has been overwritten).

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-THREEPART: Attempted to create [dec] partitions only 3 allowed.

Explanation An attempt was made to create an invalid number of partitions. This indicates a software problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MALLOC: Could not create partition info structure errno [dec].

Explanation An error was returned by malloc when attempting to allocate the partition info structure.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-NOSEMAPHORE: Could not create a semaphore to partition [dec] errno [dec].

Explanation An error was returned by semBCreate when attempting to create a semaphore.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-INVTYPE: The requested memory type is invalid [dec].

Explanation An attempt was made to allocate memory with a memory type parameter that is invalid. This indicates a software problem

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-INVOPTION: The requested options flag is invalid [dec].

Explanation An attempt was made to allocate memory with an options flag parameter that is invalid. This indicates a software problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-ZEROSIZE: A request for 0 bytes was made.

Explanation An attempt was made to allocate 0 bytes. This indicates a software problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-INVLENGTH: The requested length [dec] is greater than partition 0x[hex] size [dec].

Explanation An attempt was made to allocate more memory than what is allocated for the partition.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-NOPARTINFO: An error was returned when trying to get partition info errno [dec].

Explanation While attempting to get the partition statistics, memPartInfoGet returned an error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-BELOWTHRES: The number of free bytes [dec] is below the set threshold [dec] for partition [dec].

Explanation While attempting to allocate low priority memory, the number of free bytes is below the set threshold.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-NOPARTITION: Could not allocate [dec] bytes from partition 0x[hex] errno [dec].

Explanation An error was returned by memPartAlloc while attempting to allocate memory.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-NOTOWNER: A process 0x[hex] that is not the owner 0x[hex] is attempting to free block 0x[hex]

Explanation A process that is not the owner of allocated memory is attempting to deallocate the memory. This indicates a software error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MEMPARTCREATE: An error was returned trying to create the partition 0x[hex] errno [dec]

Explanation An error was returned by memPartCreate while attempting; to create the specified partition.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MEMPARTFREE: An error was returned trying to deallocate memory block at 0x[hex] errno [dec]

Explanation An error was returned by memPartFree while attempting to deallocate memory.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-STRANGEADDR: The memory address 0x[hex] is not within any of the partitions.

Explanation The memory address is not within any of the partitions. This indicates a bad address or possible corruption of the memory partition structure.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message Error Message SSI-4-CKINVLIST: Invalid sysChunkPoolList address 0x[hex] not on word boundary.

Explanation The memory block address is not on a word boundary

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-CKINVWRDADD2: Invalid memory block address 0x[hex] not on a word boundary.

Explanation The memory block address is not on a word boundary

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-CKINVWRDADD: EVENT_RUN_LOG_FUNC ssiMemChunkData Invalid memory block address 0x[hex] not on a word boundary.

Explanation The memory block address is not on a word boundary

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-PTINVWRDADD: EVENT_RUN_LOG_FUNC ssiMemData Invalid memory block address 0x[hex] not on a word boundary.

Explanation The memory block address is not on a word boundary

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-INVMEMTYPE: EVENT_STKTRC | EVENT_RUN_LOG_FUNC ssiMemData Invalid memory type [dec] for memory block at 0x[hex].

Explanation The memory type stored in the header of the block is wrong. This indicates that the header has been corrupted or is invalid.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-INVLENGTH1: EVENT_RUN_LOG_FUNC ssiMemData Invalid length for memory block at 0x[hex] owner 0x[hex] caller 0x[hex].

Explanation The length stored by VxWorks is wrong. This indicates that memory has been corrupted.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-INVMAGICCOOKIE: EVENT_RUN_LOG_FUNC ssiMemDataInvalid magic number 0x[hex] for memory block at 0x[hex].

Explanation The magic number stored at the end of the block is wrong. This indicates that memory has been corrupted.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-INVREFCOUNT: EVENT_RUN_LOG_FUNC ssiMemData Memory block at 0x[hex] is not allocated reference count = 0

Explanation The reference count for the block is 0. This indicates that the block has already been freed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-INVVXWORKPART: EVENT_RUN_LOG_FUNC ssiMemData Invalid partition index [dec] for memory block at 0x[hex]

Explanation The partition index in the header is invalid. This block was allocated from the VxWorks memory heap and this should be ablebeef. This indicates that the header has been corrupted or is invalid.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-INVPARTINDEX: EVENT_RUN_LOG_FUNC ssiMemData Invalid partition index [dec] for memory block at 0x[hex]

Explanation The partition index in the header is invalid. This indicates that the header has been corrupted or is invalid.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-DOWNSTATIC: Not enough memory in the dynamic pool for [dec] bytes trying static

Explanation The dynamic partition does not have enough space to allocate the specified number of bytes. The software will try to allocate the space from the static partition.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-DOWNVXWORKS: Not enough memory in the static pool for [dec] bytes trying VxWorks' heap

Explanation The static partition does not have enough space to allocate the specified number of bytes. The software will try to allocate the space from the VxWorks heap.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-INVPARTADDR: EVENT_RUN_LOG_FUNC ssiMemData Invalid address 0x[hex] for partition [dec] start:0x[hex] length:0x[hex]

Explanation The address is not within the range of the partition stored in the header. This indicates that the header has been corrupted or is invalid.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-NOCHUNKSEMA: Couldn't create the mutex semaphore needed by the chunk memory manager [dec].

Explanation The chunk memory manager could not create the mutex semaphore necessary for its operation.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-NOCHUNKMEMALLOC: Couldn't allocate the memory for the pool.

Explanation An error was returned by ssiMalloc when attempting to allocate the memory for the pool.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-CHUNKSIZE: The calculate pool size [dec] is greater than the allocated memory size [dec].

Explanation The required memory size was not allocated for this pool. This indicates a software problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-CHUNKSEMTAKE: Couldn't take the mutex semaphore errno [dec].

Explanation An error occurred when trying to acquire the mutex. This indicates a software problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-CHUNKSEMGIVE: Couldn't release the mutex semaphore errno [dec].

Explanation An error occurred when trying to release the mutex. This indicates a software problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-CHUNKPOOLINUSE: The operation could not be tried because the pool is in use.

Explanation The pool operation could not be tried because the pool is in use.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-CHUNKINVID: The pool ID 0x[hex] is invalid.

Explanation The pool ID is invalid. This indicates a software problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-CHUNKSHORTAGE: The pool 0x[hex] doesn't have a chunk to allocate.

Explanation The specified pool cannot allocate the requested chunks. This indicates a software problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-CHUNKINVPTR: The chunk pointer is invalid.

Explanation The chunk pointer is invalid. This indicates a software problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-CHUNKNOTALLOC: The chunk 0x[hex] is not allocated.

Explanation The chunk is not allocated. This indicates a software problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-CHUNKMAGICCKE: EVENT_RUN_LOG_FUNC ssiMemChunk Invalid magic number 0x[hex] for memory block at 0x[hex].

Explanation The magic number stored at the end of the block is wrong. This indicates that memory has been corrupted.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-CHUNKNOTPOOL: EVENT_RUN_LOG_FUNC ssiMemChunkData The memory chunk at 0x[hex] has an invalid poolID 0x[hex].

Explanation The memory chunk specifies a nonexistent pool ID This indicates that memory has been corrupted.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-CHUNKDIFPOOL: EVENT_RUN_LOG_FUNC ssiMemChunkData The memory chunk at 0x[hex] is not from pool 0x[hex].

Explanation The memory chunk is not within the pool specified by the pool ID. This indicates that memory has been corrupted.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-CHUNKNOTOWNER: A process [dec] that is not the owner [dec] is attempting to free block 0x[hex]

Explanation A process that is not the owner of allocated memory is attempting to deallocate the memory. This indicates a software error.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TIMERTBLFULL: The system timer table is full. All [dec] entries are used.

Explanation The system timer table is full. There are no more entries available to create a SSI_TIMERID. The system limit needs to be increased or dynamically created tasks are not being deleted.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TIMERHANDLER: Attempt to create a system timer with invalid handler.

Explanation An attempt was made to create a system timer with an invalid handler function.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TIMERNOCREATE: Unable to create Vx POSIX timer. Errno=[hex]

Explanation An attempt to create a Vx POSIX timer failed. SSI timers may not be initialized properly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TIMERNOCONNECT: Unable to connect handler function to Vx POSIX timer. Errno=[hex]

Explanation An attempt to create a Vx POSIX timer failed. SSI timers may not be initialized properly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TIMERNOCANCEL: Unable to cancel Vx POSIX timer. Vx Timer=[hex]

Explanation An attempt to cancel a Vx POSIX timer failed. SSI timers may not be initialized properly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TIMERNODELETE: Unable to delete Vx POSIX timer. Vx Timer=[hex]

Explanation An attempt to delete a Vx POSIX timer failed. SSI timers may not be initialized properly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TIMERINVALIDID: SSI function called with invalid ID. SSI Timer=[hex]

Explanation An SSI function was called with an invalid timer ID. SSI timers may not be initialized properly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TIMERINVALIDENT: SSI function called with invalid entry. SSI Timer=[hex] Vx Timer=[hex]

Explanation An SSI function was called for an invalid timer entry. SSI timers may not be initialized properly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TIMERINVALIDTSK: Attempt to manipulate timer by non-owning task. SSI Timer=[hex] Task=[hex]

Explanation An SSI function was called to operate on a timer entry by a non-owning task. SSI timers may not be initialized properly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TIMERINVALIDVAL: Function called with invalid time value. Time val=[hex]

Explanation An SSI function was called with an invalid timer value. SSI timers may not be initialized properly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TIMERNOSSETGET: An attempt to set or get a timer value failed. Time val=[hex]

Explanation An SSI function call to either set or get the timer value failed. SSI timers may not be initialized properly.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TIMERSIGERROR: An attempt to manipulate a signal failed. SSI Timer=[hex]

Explanation An SSI function call to manipulate a POSIX signal failed. This indicates corruption has occurred.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TIMERINVTOD: An attempt to read the system time-of-day failed.

Explanation The function call to get the current time-of-day failed. This indicates corruption has occurred.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-MKTIMEFAIL: Mktime failed in [chars]. errno=[hex].

Explanation The function call to mktime to convert a broken down time to an integer second count failed with the error code specified.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-PUTENVFAIL: Putenv of string '[chars]' failed in [chars]. errno=[hex].

Explanation The function call to putenv to put a variable into the environment failed with the error code specified.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-WDCREATEFAIL: SSI [chars] watchdog create failed in [chars]. errno=[hex].

Explanation Unable to create the specified watchdog for the specified use in the named function. It failed with the specified error number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-WDSTARTFAIL: SSI [chars] watchdog start failed in [chars]. rc=[dec] errno=[hex].

Explanation Unable to start the specified watchdog for the specified use in the named function. It failed with the specified return code and error number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TMRCANCELINV: SSI Timeout event not found in [chars]. TmoFunc=[hex].

Explanation The specified timeout event could not be found in the named function. The value of the Timeout function and key are specified.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TMRNOTINIT: SSI Sync Timer not initialize for Task [dec]l [chars].

Explanation The synchronous timeout facility was not initialized for the calling task before it tried to call the specified function. Initialization must be called before calling the function.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SSI-4-TMRHNDLRFAIL: Sync Timeout Handler [dec]ed in [chars]. key=[hex] rc=[dec] errno=[hex].

Explanation The specified timeout handler function failed in the specified function. It was passed the specified key. The function failed with the specified return code and error number.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

System Module (SYS) Messages

This section contains the System Module (SYS) messages.

Error Message SYS-7-STARTUP: System is up and the Reset Reason is: [[chars]]

Explanation System started after reset.

Recommended Action No action required.

Error Message SYS-7-VERSION: Boot Code Rev: [[chars]] FW Rev: [[chars]]

Explanation Version of Backup Boot and runtime FW image.

Recommended Action No action required.

Error Message SYS-2-TASKINITFAIL: Task[[chars]] failed of spawning

Explanation Failed to spawn task.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-1-TASKHOLDCPU: Task[[chars]] is holding CPU

Explanation System has detected a ready task.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-1-NOTASKHOLDCPU: unknown Task is holding CPU

Explanation System has detected a task that is ready but not using the CPU.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-1-RTTASKSUSPEND: Root Task is suspended due to task spawn NAK/timeout

Explanation The Root Task is suspended, because of a NAK or timeout trying to spawn the static tasks.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-1-BKTASKSUSPEND: Background Task is suspended and could not restart

Explanation The Background Task is suspended, and could not restart.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-6-BKTASKRESTART: Background Task is suspended and restart is successful

Explanation The Background Task got suspended, and restart is successful.

Recommended Action No action required.

Error Message SYS-1-TASKLOSTFATAL: Trouble-Task[[chars]]: action is SYSTEM RESET

Explanation A task has disappeared or suspended, and could cause system RESET.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-3-TASKLOST: Trouble-Task[[chars]]: action is [chars]

Explanation A task has disappeared or suspended.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-2-RECVTASKFAIL: Failed to [chars] Task[[chars]]

Explanation A task has disappeared or suspended, and SYSTEM is not RESET

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-3-WRONGTYPTKRECV: Wrong Type[[dec]] to recv task[[chars]]

Explanation taskRecover(): wrong type to recover a task.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-1-FILEOPENFAIL: failed to open event log file

Explanation Failed to open event log file.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-3-WRNGEVTLOG: Error Task receives a message other than ERR_LOG_MSG

Explanation Error Task has received a message other than the message type of ERR_LOG_MSG.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-2-PRIADJFAIL: Failed to adjust the priority Task[[chars]] TaskId[[dec]]

Explanation Failed to adjust the priority for a task.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-2-NOFNDPRITSK: Failure to find the highest priority ready task

Explanation Failure to find the highest priority ready task in trGet().

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-3-BRAMFAIL: BRAM checksum failed: [dec]d [dec]d

Explanation BRAM checksum failed.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-2-EXCEPTION: [chars]

Explanation Exceptional Interrupt occurred.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-3-NOVRAM_1: [dec]

Explanation Invalid card type.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-2-NOVRAMFAIL: Novram on [chars] has checksum failure: [dec]d [dec]d

Explanation BRAM checksum failed.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-7-TEST_DUMP: [chars]

Explanation Test for Dump Trace.

Recommended Action No action required.

Error Message SYS-7-TEST_STACK: [chars]

Explanation Test for Stack Trace.

Recommended Action No action required.

Error Message SYS-7-TEST_DUMPSTK: [chars]

Explanation Test for Stack Trace and Dump Trace.

Recommended Action No action required.

Error Message SYS-7-TEST_BRAM: [chars]

Explanation Test for BRAM and Stack Trace and Dump Trace.

Recommended Action No action required.

Error Message SYS-7-TIMECHANGE: Time changed - Old Date/Time:
[dec]/[dec]/[dec] [dec]:[dec]:[dec]

Explanation This information event indicates that the date or time for the shelf has been updated. The new time is the timestamp on the event while the old time is given in the message.

Recommended Action No action required.

Error Message SYS-7-ZONECHANGE: Time zone changed - New: [chars]Offset [dec]
Old: [chars]Offset [dec]

Explanation This information event indicates that the time zone information for the shelf has been updated. The new and old time zone information is given in the message.

Recommended Action No action required.

Error Message SYS-4-MSGINVALID: Received invalid msg to [chars]. Size=[dec]
Msg=[hex] [hex] [hex] [hex] [hex]

Explanation The message received by the specified function as a parameter is invalid. The message size and contents are specified.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-3-MSGPROCFAIL: Processing log messages failed [dec] consecutive times. errno=[hex]

Explanation The processing of log messages failed the specified number of consecutive times. There is a problem with the received messages or the receiving message queue. The last time failed with the specified error number.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-7-LOGMSGCOUNTS: Log Message Counts: EvtS [dec] Errs [dec] Inv [dec] EvtSave [dec] ErrSave [dec]

Explanation The following counts were accumulated for processing of log messages. The first count is the number of event messages processed. The second count is the number of error messages processed. The third count is the number of invalid messages received. The fourth count is the number of times event save has failed. The fifth count is the number of times error saving has failed.

Recommended Action No action required.

Error Message SYS-3-EVENTSAVEFAIL: Saving events to disk failed [dec] consecutive times. errno=[hex]

Explanation The saving of events to disk failed the specified number of consecutive times. There is a problem with saving the events to disk. The last time failed with the specified error number.

Recommended Action Copy the error message exactly as it appears in the system log, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message SYS-7-SAVEFAILCOUNTS: Save Fail Counts: Total [dec] Open [dec] Creat [dec] Seek [dec] Write [dec] Flush [dec]

Explanation The following counts were accumulated for saving events to disk. The first count is the total number of saves that failed. The second count is the number of event file opens that failed. The third count is the number of event file creates that failed. The fourth count is the number of event file seeks that failed. The fifth count is the number of event file writes that failed. And the sixth count is the number of event file flushes that failed.

Recommended Action No action required.

Error Message SYS-7-BOOTREGISTERS: Boot ResetType=0x[hex] PioInputs=0x[hex] ResetPc=0x[hex] StatusReg=0x[hex] CauseReg=0x[hex] CacheErr=0x[hex]

Explanation The values of the registers whenever a boot of the card happens. This gives detailed information what the state of the CPU was when the reset occurred.

Recommended Action No action required.

Error Message SYS-4-NETWORKUPERROR: Unable to activate [chars] interface. [chars] failederrno=[hex]

Explanation The specified network interface failed to activate for the reason specified. It failed with the specified error number. This error could be due an incorrect IP configuration for the specified interface.

Recommended Action No action required.

Error Message SYS-4-NETSTANDBYERROR: Unable to start standby ethernet interface. [chars] failederrno=[hex]

Explanation The standby Ethernet network interface failed to activate for the reason specified. It failed with the specified error number. This error could be due an incorrect IP configuration for the bootChange Ethernet values.

Recommended Action No action required.

Error Message SYS-4-IPCNFDBERROR: Ip Config Db Error. [chars] failed in [chars]. Errno=[hex]

Explanation The IP configuration RAM database had the specified database error in the function specified. It failed with the specified error number.

Recommended Action No action required.

Trivial File Transfer Protocol (TFTP) Messages

This section contains the Trivial File Transfer Protocol (TFTP) messages.

Error Message TFTP-4-SOCKET_ERR: [chars]: Failed to Receive on Socket : [dec]

Explanation Received error while trying to read data from TFTP socket.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message TFTP-4-TASK_SPAWN_ERR: [chars]: Spawn Task Failed TaskName: [chars] TaskPriority: [dec] TaskStackSize: [dec]

Explanation Spawning of a task failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

VSM Connection Management (VCNM) Messages

This section contains the VSM Connection Management (VCNM) messages.

Error Message VCNM-4-INIT_FAIL: VCNM : pipc port create failed : err [dec]

Explanation Initialization failure.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VCNM-7-UNKNOWN_MSG: VCNM : Unknown pipc message received
msgType = [dec]

Explanation Unknown message received.

Recommended Action No action required.

Error Message VCNM-7-UNKNOWN_TASK: VCNM : Message received with Invalid Task
Id = [dec]

Explanation Event received from unknown task.

Recommended Action No action required.

Virtual Switch Interface (VSI) Messages

This section contains the Virtual Switch Interface (VSI) messages.

Error Message VSI-4-VSI_MSG_LENGTH: VSI_MSG_LENGTH: [chars]

Explanation VSI msg length problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSI-4-VSI_PG_LENGTH: VSI_PG_LENGTH: functionCode[hex]
pgFmtId[hex]

Explanation VSI pg length problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSI-4-SYNTAX_ERROR: VSI_SYNTAX_ERROR: functionCode[hex]
msgStatus[hex]

Explanation Syntax error in parsing VSI message problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSI-4-VSI_CONTROLLER: VSI_CONTROLLER: [chars]

Explanation VSI Controller Problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSI-4-VSI_SAP: VSI_SAP: [chars]

Explanation VSI SAP problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSI-4-VSI_MSGQ: VSI_MSGQ: [chars]

Explanation VSI msg queue problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSI-4-VSI_SOCKET: VSI_SOCKET: [chars]

Explanation VSI socket problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSI-4-VSI_UNKNOWN_CMD: VSI_UNKNOWN_CMD: [hex]

Explanation Unknown VSI command.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSI-4-VSIS_TRAP: VSIS_TRAP: [chars] [dec]

Explanation VSI Slave trap problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSI-7-VSIS_TX: VSIS_TX: [chars]

Explanation VSI Slave transport problem.

Recommended Action No action required.

Error Message VSI-7-NULL_PTR: NULL_PTR at [chars]

Explanation NULL pointer

Recommended Action No action required.

Error Message VSI-4-MALLOC_FAIL: MALLOC_FAIL

Explanation ssiMalloc() failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSI-4-FREE_FAIL: FREE_FAIL

Explanation ssiFree() failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSI-4-FBALLOC_FAIL: MALLOC_FAIL

Explanation ssiFrameBufferAlloc() failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSI-4-FBFREE_FAIL: FREE_FAIL

Explanation ssiFrameBufferFree() failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSI-4-VSI_TIMER: VSI_TIMER: [chars]

Explanation VSI timer problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSI-4-VSI_CLK: VSI_CLK: [chars]

Explanation VSI clock source problem.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSI-7-SSI_VSI_IF: SSI_VSI_IF: [chars]

Explanation SSI VSI IF problem.

Recommended Action No action required.

Virtual Service Module (VSM) Messages

This section contains the Virtual Service Module (VSM) messages.

Error Message VSM-4-DISK_UPD_FAIL: VSM : [chars] : PXM Disk Update Failed

Explanation Disk update failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSM-4-VSM_UNDO_DEL_BBIF_FAILED: VSM : [chars] : Undo Port delete Failed FATAL ERROR: event VSM_UNDO_DEL_BBIF_FAILED is more than 15 chars.

Explanation Undo port delete failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSM-4-VSM_UNDO_MOD_BBIF_FAILED: VSM : [chars] : Undo Port modify Failed FATAL ERROR: event VSM_UNDO_MOD_BBIF_FAILED is more than 15 chars.

Explanation Undo port modify failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSM-4-VSM_UNDO_BBIF_FAILED: VSM : [chars] : Undo Port Failed FATAL ERROR: event VSM_UNDO_BBIF_FAILED is more than 15 chars.

Explanation Undo Port failed.

Recommended Action Copy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the error message text or from the **dsperr** output, call your Cisco technical support representative and provide the representative with the gathered information.

Error Message VSM-7-VSM_BBIF_ADDED: VSM : Broadband Interface [dec] Added

Explanation BBIF successfully added.

Recommended Action No action required.

Error Message VSM-7-VSM_BBIF_DEL: VSM : Broadband Interface [dec] Deleted

Explanation Deleted BBIF successfully.

Recommended Action No action required.

Error Message VSM-7-VSM_BBIF_MOD: VSM : Broadband Interface [dec] Modified

Explanation Modified BBIF successfully.

Recommended Action No action required.

Error Message VSM-7-VSM_RSC_CNF_CHG: VSM : Conf Chg in Rsc Partition: ifNum [dec] ctrlr [dec] rowStat [dec]

Explanation Configuration change occurred.

Recommended Action No action required.

Error Message VSM-7-BBCHAN_ADDED: VSM : Broadband Channel [dec] Added

Explanation BB channel has been successfully added.

Recommended Action No action required.

Error Message VSM-7-BBCHAN_DELETED: VSM : Broadband Channel [dec] Deleted

Explanation BB channel has been successfully deleted.

Recommended Action No action required.

