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-SYNCOPFAIL: 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-SYNCSENDFAIL: 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-MAPCSCORRUPT: 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-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 `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-SSIMSGSENDFAIL: [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 paring 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-DBNUMLINEINVLD: 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-DBVERSIONINVLD: 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-PORTNUMINVLD: [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-UNKNOWNDCTYPE: 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-RCMPCONINVLD: 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-SECTRACEINVLD: 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-DS3REDSERV: 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-DS3LINEINVLD: 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-DBTBLIDINVLD: [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-PLPPDS3LNINVLD: 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-PLPPOC3LNINVLD: 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-PLPPOC12LNINVLD: 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-CLKIMPINVLD: 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-CLKCONNINVLD: 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-CLKINBAND1INVLD: 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-CLKINBAND2INVLD: 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-CLKOPTINVLD: 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_PARMS: 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_WRNGMSG_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-MSGSENDFAIL: [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-RPMPORTCLOSED: 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-RPMOPENPORT: 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-IPCSENDMSGFAIL: [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 opy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the 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 opy the error message exactly as it appears in the system log. Issue the **dsperr** command from the PXM to gather data that may provide information to determine the nature of the error. If you cannot determine the nature of the error from the 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-DBTBLIDINVLD: [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-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 `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: Owning 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: Owning Task [dec]oes not exist to own created SSI message queue.`

Explanation An 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-MQSEMCRTFAIL: 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]ization 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-TASKSEMCRTFAIL: 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] noton 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 ab1ebeef. 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 nonexistant 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 functionto 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-TIMERNOSETGET: 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 specfied 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.