

Power Systems

System reference codes (Bxxx)

IBM

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IBM

Note

Before using this information and the product it supports, read the information in “Safety notices” on page v, “Notices” on page 705, the *IBM Systems Safety Notices* manual, G229-9054, and the *IBM Environmental Notices and User Guide*, Z125-5823.

This edition applies to IBM Power Systems™ servers that contain the POWER7 processor and to all associated models.

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Safety notices

Safety notices may be printed throughout this guide:

- **DANGER** notices call attention to a situation that is potentially lethal or extremely hazardous to people.
- **CAUTION** notices call attention to a situation that is potentially hazardous to people because of some existing condition.
- **Attention** notices call attention to the possibility of damage to a program, device, system, or data.

World Trade safety information

Several countries require the safety information contained in product publications to be presented in their national languages. If this requirement applies to your country, safety information documentation is included in the publications package (such as in printed documentation, on DVD, or as part of the product) shipped with the product. The documentation contains the safety information in your national language with references to the U.S. English source. Before using a U.S. English publication to install, operate, or service this product, you must first become familiar with the related safety information documentation. You should also refer to the safety information documentation any time you do not clearly understand any safety information in the U.S. English publications.

Replacement or additional copies of safety information documentation can be obtained by calling the IBM Hotline at 1-800-300-8751.

German safety information

Das Produkt ist nicht für den Einsatz an Bildschirmarbeitsplätzen im Sinne § 2 der Bildschirmarbeitsverordnung geeignet.

Laser safety information

IBM® servers can use I/O cards or features that are fiber-optic based and that utilize lasers or LEDs.

Laser compliance

IBM servers may be installed inside or outside of an IT equipment rack.

DANGER

When working on or around the system, observe the following precautions:

Electrical voltage and current from power, telephone, and communication cables are hazardous. To avoid a shock hazard:

- Connect power to this unit only with the IBM provided power cord. Do not use the IBM provided power cord for any other product.
- Do not open or service any power supply assembly.
- Do not connect or disconnect any cables or perform installation, maintenance, or reconfiguration of this product during an electrical storm.
- The product might be equipped with multiple power cords. To remove all hazardous voltages, disconnect all power cords.
- Connect all power cords to a properly wired and grounded electrical outlet. Ensure that the outlet supplies proper voltage and phase rotation according to the system rating plate.
- Connect any equipment that will be attached to this product to properly wired outlets.
- When possible, use one hand only to connect or disconnect signal cables.
- Never turn on any equipment when there is evidence of fire, water, or structural damage.
- Disconnect the attached power cords, telecommunications systems, networks, and modems before you open the device covers, unless instructed otherwise in the installation and configuration procedures.
- Connect and disconnect cables as described in the following procedures when installing, moving, or opening covers on this product or attached devices.

To Disconnect:

1. Turn off everything (unless instructed otherwise).
2. Remove the power cords from the outlets.
3. Remove the signal cables from the connectors.
4. Remove all cables from the devices.

To Connect:

1. Turn off everything (unless instructed otherwise).
2. Attach all cables to the devices.
3. Attach the signal cables to the connectors.
4. Attach the power cords to the outlets.
5. Turn on the devices.

(D005)

DANGER

Observe the following precautions when working on or around your IT rack system:

- Heavy equipment—personal injury or equipment damage might result if mishandled.
- Always lower the leveling pads on the rack cabinet.
- Always install stabilizer brackets on the rack cabinet.
- To avoid hazardous conditions due to uneven mechanical loading, always install the heaviest devices in the bottom of the rack cabinet. Always install servers and optional devices starting from the bottom of the rack cabinet.
- Rack-mounted devices are not to be used as shelves or work spaces. Do not place objects on top of rack-mounted devices.



- Each rack cabinet might have more than one power cord. Be sure to disconnect all power cords in the rack cabinet when directed to disconnect power during servicing.
- Connect all devices installed in a rack cabinet to power devices installed in the same rack cabinet. Do not plug a power cord from a device installed in one rack cabinet into a power device installed in a different rack cabinet.
- An electrical outlet that is not correctly wired could place hazardous voltage on the metal parts of the system or the devices that attach to the system. It is the responsibility of the customer to ensure that the outlet is correctly wired and grounded to prevent an electrical shock.

CAUTION

- Do not install a unit in a rack where the internal rack ambient temperatures will exceed the manufacturer's recommended ambient temperature for all your rack-mounted devices.
- Do not install a unit in a rack where the air flow is compromised. Ensure that air flow is not blocked or reduced on any side, front, or back of a unit used for air flow through the unit.
- Consideration should be given to the connection of the equipment to the supply circuit so that overloading of the circuits does not compromise the supply wiring or overcurrent protection. To provide the correct power connection to a rack, refer to the rating labels located on the equipment in the rack to determine the total power requirement of the supply circuit.
- *(For sliding drawers.)* Do not pull out or install any drawer or feature if the rack stabilizer brackets are not attached to the rack. Do not pull out more than one drawer at a time. The rack might become unstable if you pull out more than one drawer at a time.
- *(For fixed drawers.)* This drawer is a fixed drawer and must not be moved for servicing unless specified by the manufacturer. Attempting to move the drawer partially or completely out of the rack might cause the rack to become unstable or cause the drawer to fall out of the rack.

(R001)

CAUTION:

Removing components from the upper positions in the rack cabinet improves rack stability during relocation. Follow these general guidelines whenever you relocate a populated rack cabinet within a room or building:

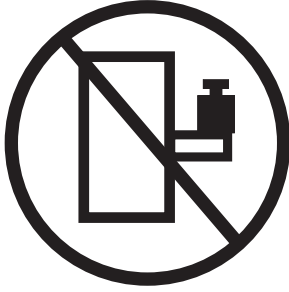
- Reduce the weight of the rack cabinet by removing equipment starting at the top of the rack cabinet. When possible, restore the rack cabinet to the configuration of the rack cabinet as you received it. If this configuration is not known, you must observe the following precautions:
 - Remove all devices in the 32U position and above.
 - Ensure that the heaviest devices are installed in the bottom of the rack cabinet.
 - Ensure that there are no empty U-levels between devices installed in the rack cabinet below the 32U level.
- If the rack cabinet you are relocating is part of a suite of rack cabinets, detach the rack cabinet from the suite.
- Inspect the route that you plan to take to eliminate potential hazards.
- Verify that the route that you choose can support the weight of the loaded rack cabinet. Refer to the documentation that comes with your rack cabinet for the weight of a loaded rack cabinet.
- Verify that all door openings are at least 760 x 230 mm (30 x 80 in.).
- Ensure that all devices, shelves, drawers, doors, and cables are secure.
- Ensure that the four leveling pads are raised to their highest position.
- Ensure that there is no stabilizer bracket installed on the rack cabinet during movement.
- Do not use a ramp inclined at more than 10 degrees.
- When the rack cabinet is in the new location, complete the following steps:
 - Lower the four leveling pads.
 - Install stabilizer brackets on the rack cabinet.
 - If you removed any devices from the rack cabinet, repopulate the rack cabinet from the lowest position to the highest position.
- If a long-distance relocation is required, restore the rack cabinet to the configuration of the rack cabinet as you received it. Pack the rack cabinet in the original packaging material, or equivalent. Also lower the leveling pads to raise the casters off of the pallet and bolt the rack cabinet to the pallet.

(R002)

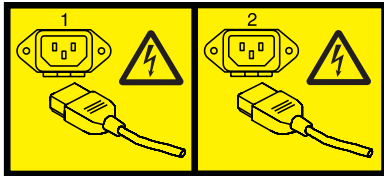
(L001)



(L002)



(L003)



or



All lasers are certified in the U.S. to conform to the requirements of DHHS 21 CFR Subchapter J for class 1 laser products. Outside the U.S., they are certified to be in compliance with IEC 60825 as a class 1 laser product. Consult the label on each part for laser certification numbers and approval information.

CAUTION:

This product might contain one or more of the following devices: CD-ROM drive, DVD-ROM drive, DVD-RAM drive, or laser module, which are Class 1 laser products. Note the following information:

- Do not remove the covers. Removing the covers of the laser product could result in exposure to hazardous laser radiation. There are no serviceable parts inside the device.
- Use of the controls or adjustments or performance of procedures other than those specified herein might result in hazardous radiation exposure.

(C026)

CAUTION:

Data processing environments can contain equipment transmitting on system links with laser modules that operate at greater than Class 1 power levels. For this reason, never look into the end of an optical fiber cable or open receptacle. (C027)

CAUTION:

This product contains a Class 1M laser. Do not view directly with optical instruments. (C028)

CAUTION:

Some laser products contain an embedded Class 3A or Class 3B laser diode. Note the following information: laser radiation when open. Do not stare into the beam, do not view directly with optical instruments, and avoid direct exposure to the beam. (C030)

CAUTION:

The battery contains lithium. To avoid possible explosion, do not burn or charge the battery.

Do Not:

- ___ Throw or immerse into water
- ___ Heat to more than 100°C (212°F)
- ___ Repair or disassemble

Exchange only with the IBM-approved part. Recycle or discard the battery as instructed by local regulations. In the United States, IBM has a process for the collection of this battery. For information, call 1-800-426-4333. Have the IBM part number for the battery unit available when you call. (C003)

Power and cabling information for NEBS (Network Equipment-Building System) GR-1089-CORE

The following comments apply to the IBM servers that have been designated as conforming to NEBS (Network Equipment-Building System) GR-1089-CORE:

The equipment is suitable for installation in the following:

- Network telecommunications facilities
- Locations where the NEC (National Electrical Code) applies

The intrabuilding ports of this equipment are suitable for connection to intrabuilding or unexposed wiring or cabling only. The intrabuilding ports of this equipment *must not* be metallically connected to the interfaces that connect to the OSP (outside plant) or its wiring. These interfaces are designed for use as intrabuilding interfaces only (Type 2 or Type 4 ports as described in GR-1089-CORE) and require isolation from the exposed OSP cabling. The addition of primary protectors is not sufficient protection to connect these interfaces metallically to OSP wiring.

Note: All Ethernet cables must be shielded and grounded at both ends.

The ac-powered system does not require the use of an external surge protection device (SPD).

The dc-powered system employs an isolated DC return (DC-I) design. The DC battery return terminal *shall not* be connected to the chassis or frame ground.

System reference codes (Bxxx) overview

Reference codes are diagnostics aids that help you find solutions to system problems.

Reference codes are diagnostic aids that help you determine the source of a hardware or operating system problem. Using a reference code enables you to find the solution to fix the problem. To use reference codes effectively, you must use them in conjunction with other service and support procedures.

Note: System reference codes (SRCs) often indicate failing items. Some failing items are required to be exchanged in groups until the problem is solved. Other failing items are flagged as mandatory exchange and must be exchanged before the service action is complete, even if the problem appears to have been repaired. For more information, see “Block replacement of FRUs.”

Block replacement of FRUs

Sometimes, multiple field replaceable units (FRUs) or procedures are called out for replacement by an SRC listed in the service action log (SAL). Each FRU or procedure has a priority, and procedures are always in priority order, from highest to lowest priority. Follow the steps below:

1. Perform all high priority or mandatory FRU replacements or procedures at the same time (as a block).
2. If the problem persists after performing the high priority FRU replacements or procedures, then perform the medium priority FRU replacements or procedures one at a time, unless a medium grouping priority is associated with the FRUs or procedures that are called out in the SRC. A medium grouping priority, shown with an A, B, or C, means that you need to perform all the FRU replacements or procedures in that group at the same time (as a block).
3. Finally, if the problem still persists after performing the medium priority FRU replacements or procedures, then perform the low priority FRU replacements or procedures one at a time.

The priorities of performing the FRU replacements or procedures are shown in the following ways, depending on how you view the SRC:

- Advanced System Management Interface (ASMI): The ASMI shows a priority with each callout in the log.
- Control panel: The control panel shows one of the following priorities with each callout:
 - H = High
 - M = Medium
 - MA = Medium group A
 - MB = Medium group B
 - MC = Medium group C
 - L = Low
- Management console: The details of the serviceable event display the FRU replacement priority as high, medium, and so on.
- Service action log: In the SAL, the Part Action for the FRU in the view of the event shows the replacement priority.

(B002) Reference codes

B0022321

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- UJE34
-

B0022322

Explanation: Data-set-ready error on modem interface.

Failing Item:

- UJE34
-

B0022340

Explanation: Data-set-ready changed to not active; for information only.

Failing Item:

- FI00704
 - UJB35
 - UJ0E3
 - FI00701
-

B0022651

Explanation: First call failed, retrying call; no CFI from modem.

Response: The remote answer timer expired without the system detecting either the rise of DSR or a call failure indication from the modem. The system tries the call again, up to the number of tries specified in the dial retry parameter of the controller description.

Failing Item:

- UJE34
 - UJB35
 - FI00704
 - FI00701
-

B0022652

Explanation: First call failed, retrying call; CFI AB from modem.

Response: After dialing, the system detected a call failure indication AB from the modem. The system tries the call again, up to the number of tries specified in the dial retry parameter of the controller description. CFI AB is sent from the modem if the modem#csq;s timer expires after answer tone was detected and before the modem is ready for data transfer.

Failing Item:

- UJ0E3
 - FI00704
 - UJB36
-

B0022653

Explanation: First call failed, retrying call; CFI DE from modem.

Response: After dialing, the system detected a call failure indication DE from the modem. The system tries the call again, up to the number of tries specified in the dial retry parameter of the controller description. CFI DE is sent from the modem if the modem failed to detect a dial tone when expected or detected a dial tone when another tone was expected. This can occur if the telephone cable is not plugged into the back of the modem.

Failing Item:

- UJ0E3
 - FI00704
-

B0022654

Explanation: First call failed, retrying call; CFI ET from modem.

Response: After dialing, the system detected a call failure indication ET from the modem. The system tries the call again, up to the number of tries specified in the dial retry parameter of the controller description. CFI ET is sent from the modem if the modem detects a busy signal (engaged tone).

Failing Item:

- UJ0E3
 - UJB36
-

B0022656

Explanation: First call failed, retrying call; CFI NT from modem.

Response: After dialing, the system detected a call failure indication NT from the modem. The system tries the call again, up to the number of tries specified in the dial retry parameter of the controller description. CFI NT is sent from the modem if the modem#csq;s timer expires without detecting an answer tone or a ring back, and had detected the expected dial tones. This situation could result from a person answering the telephone.

Failing Item:

B0022657 • B0023207

- UJ0E3
- FI00705
- UJB36

B0022657

Explanation: First call failed, retrying call; CFI RT from modem.

Response: After dialing, the system detected a call failure indication RT from the modem. The system tries the call again, up to the number of tries specified in the dial retry parameter of the controller description. CFI RT is sent from the modem if the modem does not detect the remote answer when the timer expired or the modem is still detecting ring back. This response is also sent if the modem ends a call because the ring counter reached its limit.

Failing Item:

- UJ0E3
- UJB36

B0022660

Explanation: Call failed, retrying call; Non-standard CFI from modem.

Response: After dialing, the system detected a call failure indication from the modem that was not recognized. The system tries the call again, up to the number of tries specified in the dial retry parameter of the controller description.

Failing Item:

- UJ0E3
- FI00704

B0023200

Explanation: Clear-to-send state changed; error limit per 256 reached.

Failing Item:

- FI00704
- UJB35
- FI00701
- FI00719

B0023201

Explanation: Data-set-ready state changed; error limit per 256 reached.

Failing Item:

- FI00704
- UJB35
- FI00701
- FI00719

B0023202

Explanation: Clear-to-send state changed; error limit per 256 reached.

Failing Item:

- FI00704
- UJB35
- FI00701
- FI00719

B0023203

Explanation: Carrier-detect state changed; error limit per 256 reached.

Failing Item:

- FI00704
- UJB35
- FI00701
- FI00719

B0023204

Explanation: Call not completed; error limit per 256 reached.

Failing Item:

- UJB36
- UJ0E3
- FI00705
- FI00703

B0023205

Explanation: Call completed with error; error limit per 256 reached.

Failing Item:

- UJB35

B0023206

Explanation: Data-line-occupied error; error limit per 256 reached.

Failing Item:

- FI00703
- UJB35
- UJ0E3
- FI00702

B0023207

Explanation: Abandon-call-retry error; error limit per 256 reached.

Failing Item:

- FI00703
- UJB35
- UJ0E3
- FI00702
- UJB36

B0023208

Explanation: Present-next-digit error; error limit per 256 reached.

Failing Item:

- FI00702
- FI00703
- UJB35
- FI00719

B0023209

Explanation: Distant-station-connected error; error limit per 256 reached.

Failing Item:

- FI00703
- UJB35
- UJ0E3
- FI00702
- UJB36

B002320B

Explanation: Data-set-ready state changed; error limit per 256 reached.

Failing Item:

- FI00704
- UJB35
- UJ0E3
- FI00701

B002320C

Explanation: Incorrect number dialed; error limit per 256 reached.

Failing Item:

- UJB36
- UJB35

B0024200

Explanation: Wrong data block received; error limit per 256 reached.

Failing Item:

- UJ0E3
- UJB35

- FI00719

B0024201

Explanation: Wrong data block received; error limit per 256 reached.

Failing Item:

- UJ0E3

B0024202

Explanation: Temporary text delay block sent; error limit per 256.

Failing Item:

- UJB35
- UJB37

B0024203

Explanation: Wait-acknowledge block sent; error limit per 256 reached.

Failing Item:

- UJB35
- UJB37

B0024204

Explanation: Incorrect data block sent; error limit per 256 reached.

Failing Item:

- FI00730
- FI00719
- UJB35

B0024205

Explanation: Communications IOP cannot receive; limit reached.

Failing Item:

- FI00730
- FI00719
- UJB35

B0024206

Explanation: Receive-time-out error; error limit per 256 reached.

Failing Item:

- FI00730
- AJDG301

B0024207

Explanation: Continuous synchronization on line; error limit reached.

Failing Item:

- UJ0E3

B0024208

Explanation: No synchronization received; error limit per 256 reached.

Failing Item:

- UJ0E3

B0024209

Explanation: Synchronous time-out; error limit per 256 reached.

Failing Item:

- UJ0E3
- FI00719
- UJB35

B0024220

Explanation: Communications line already in use.

Failing Item:

- AJDG301
- FI00719
- UJB35

B0024240

Explanation: Adapter not installed.

Failing Item:

- AJDG301
- FI00719
- UJB35

B0024340

Explanation: V.25 adapter not installed.

Failing Item:

- AJDG301
- UJB35
- FI00719
- FI00702

B0024376

Explanation: Automatic call unit already in use.

Failing Item:

- AJDG301
- UJB35
- UJC38

B0024502

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
- FI00730

B0024503

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301

B0024504

Explanation: Incorrect parts installed for BSC communications.

Failing Item:

- UJB35
- AJDG301

B0024505

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
- UJB35
- FI00730

B0024506

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
 - UJB35
 - FI00730
-

B0024508

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
 - FI00730
-

B0024509

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
 - FI00730
-

B002450A

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
 - FI00730
 - UJB35
-

B002450B

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
 - FI00730
-

B002450E

Explanation: Call type not permitted.

Failing Item:

- AJDG301
 - FI00730
 - UJB35
-

B0024590

Explanation: Wrong telephone number specified in system configuration.

Failing Item:

- UJB36
 - FI00703
 - UJ0E3
 - FI00702
-

B0024592

Explanation: No number specified in controller description.

Failing Item:

- UJB36
-

B0024594

Explanation: Wrong telephone number specified in system configuration.

Failing Item:

- UJB36
 - FI00730
 - AJDG301
-

B0025410

Explanation: Data-set-ready error on modem interface.

Failing Item:

- FI00704
 - UJB35
 - FI00702
 - FI00719
-

B0025472

Explanation: Data-line-occupied initially 'on' error.

Failing Item:

- FI00703
 - UJC38
 - FI00719
 - FI00702
-

B0025474

Explanation: Automatic call unit has data-line-occupied error.

Failing Item:

- FI00702
 - FI00703
 - FI00719
 - UJ0E3
-

B0025476

Explanation: Automatic call unit has present-next-digit error.

Failing Item:

- FI00703
 - FI00719
 - FI00702
-

B0025501 • B0025651

B0025501

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
- FI00730

B0025502

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
- FI00730

B0025503

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
- FI00730

B0025504

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
- UJB35

B0025505

Explanation: Incorrect command value in I/O card LIC.

Failing Item:

- FI00730

B0025520

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
- FI00730

B0025521

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301

- FI00730

B0025549

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
- FI00730

B0025590

Explanation: Too many dial digits in call setup.

Failing Item:

- UJB36

B0025630

Explanation: Automatic call unit has distant-station-connected error.

Failing Item:

- FI00700
- UJ0E3
- UJB35
- FI00701
- FI00719

B0025632

Explanation: Automatic call unit has data-set-ready error.

Failing Item:

- FI00700
- UJB36
- FI00703
- UJB35
- FI00701
- FI00719
- UJ0E3

B0025651

Explanation: Call failed, no Call Failure Indication from modem.

Response: The remote answer timer expired without the system detecting either the rise of DSR or a call failure indication from the modem. The system has reached the number of tries in the dial retry parameter in the controller description.

Failing Item:

- UJE34
- UJB35

- FI00704
- FI00701

B0025684**Explanation:** Automatic call unit has call-clear error.**Failing Item:**

- FI00704
- FI00701
- AJDG301
- FI00719

B0025886**Explanation:** Automatic call unit switched link time-out; no answer.**Failing Item:**

- FI00703
- FI00719
- UJ0E3
- FI00702

B0025A18**Explanation:** Clear-to-send signal failed to drop on modem interface.**Failing Item:**

- FI00704
- FI00701
- FI00719

B0025A1C**Explanation:** Clear-to-send signal dropped on modem interface.**Failing Item:**

- UJ0E3
- UJB35
- FI00704
- FI00701
- FI00719

B0025A20**Explanation:** Clear-to-send not active on modem interface.**Failing Item:**

- UJ0E3
- UJB35
- FI00704
- FI00701
- FI00719

B0025A24**Explanation:** Carrier-detect dropped on modem interface.**Failing Item:**

- FI00701
- FI00704
- UJ0E3
- FI00719

B0025A54**Explanation:** Data-set-ready did not drop during time-out.**Failing Item:**

- FI00704
- UJB35
- FI00701
- FI00719

B0025A58**Explanation:** Data-set-ready did not come up during time-out.**Failing Item:**

- FI00701
- FI00704
- FI00719
- AJDG301

B0025C68**Explanation:** Too many user connections attempted.**Failing Item:**

- AJDG301

B0025E00**Explanation:** Wrong or no external communications cable installed.**Failing Item:**

- UJB35
- FI00701
- FI00719

B0025E01**Explanation:** Call error; incoming call received during outgoing call.**Failing Item:**

- UJC38
- FI00704

B0026210 • B0027212

- FI00701
- FI00719

B0026210

Explanation: Communications controller storage not available.

Failing Item:

- UJB35
- FI00730

B0026212

Explanation: Storage deallocation error.

Failing Item:

- FI00730

B0026214

Explanation: Storage allocation error.

Failing Item:

- FI00730

B0026288

Explanation: Port not operational.

Failing Item:

- FI00719
- AJDG301
- UJB35

B0026320

Explanation: Automatic call unit has abandon-call attempt.

Failing Item:

- FI00700
- UJB36
- FI00703
- FI00719
- FI00702

B0026322

Explanation: Abandon call retry error; incorrect number length.

Failing Item:

- FI00703
- UJB36

B0026870

Explanation: Automatic call unit power turned off.

Failing Item:

- FI00703
- FI00702
- FI00719

B0026890

Explanation: Data-set-ready dropped on modem interface.

Failing Item:

- UJ0E3
- FI00701
- FI00704
- FI00719

B0026C05

Explanation: Error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
- AJDG301

B0026C0A

Explanation: Hardware detected failure.

Failing Item:

- FI00719
- FI00718

B0027210

Explanation: Communications controller storage not available.

Failing Item:

- UJB35
- FI00730

B0027212

Explanation: Communications program error.

Failing Item:

- FI00730
 - AJDG301
-

B0027C00

Explanation: Communications program error.

Failing Item:

- FI00730
-

B0027C02

Explanation: Communications program error.

Failing Item:

- FI00730
-

B0027C03

Explanation: Resource or storage not available.

Failing Item:

- UJB37
 - FI00730
-

B0027C04

Explanation: Communications program error.

Failing Item:

- FI00730
-

B0027C05

Explanation: Incorrect command value in I/O card LIC.

Failing Item:

- FI00730
-

B0027C09

Explanation: Communications program error.

Failing Item:

- FI00730
-

B002FFFF

Explanation: User suspected communications problem.

Failing Item:

- USER

(B003) Reference codes

B0032321

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- UJE34

B0032322

Explanation: Data-set-ready error on modem interface.

Failing Item:

- UJE34

B0032340

Explanation: Data-set-ready changed to not active; for information only.

Response:

Failing Item:

- FI00704
- UJC35
- FI00701
- FI00719

B0033200

Explanation: Clear-to-send state changed; error limit per 256 reached.

Response:

Failing Item:

- FI00704
- UJC35
- FI00701
- FI00719

B0033201

Explanation: Data-set-ready state changed; error limit per 256 reached.

Response:

Failing Item:

- FI00704
- UJC35
- FI00701
- FI00719

B0033202

Explanation: Clear-to-send state changed; error limit per 256 reached.

Response:

Failing Item:

- FI00704
- UJC35
- FI00701
- FI00719

B0033203

Explanation: Carrier-detect state changed; error limit per 256 reached.

Response:

Failing Item:

- FI00704
- UJC35
- FI00701
- FI00719

B0033204

Explanation: Call not completed; error limit per 256 reached.

Failing Item:

- UJC36
- UJ0E3
- FI00705
- FI00703

B0033205

Explanation: Call completed with error; error limit per 256 reached.

Failing Item:

- UJC35

B0033206

Explanation: Data-line-occupied error; error limit per 256 reached.

Failing Item:

- FI00703
- UJC35
- UJ0E3
- FI00702

B0033207

Explanation: Abandon-call-retry error; error limit per 256 reached.

Failing Item:

- FI00703
- UJC35
- UJ0E3
- FI00702
- UJC36

B0033208

Explanation: Present-next-digit error; error limit per 256 reached.

Response:

Failing Item:

- FI00703
- UJC35
- FI00702
- FI00719

B0033209

Explanation: Distant-station-connected error; error limit per 256 reached.

Failing Item:

- FI00703
- UJC35
- UJ0E3
- FI00702
- UJC36

B003320B

Explanation: Data-set-ready state changed; error limit per 256 reached.

Response:

Failing Item:

- FI00704
- UJC35
- FI00701
- FI00719

B003320C

Explanation: Incorrect number dialed; error limit per 256 reached.

Failing Item:

- UJC36
- UJC35

B0034200

Explanation: Break character received; error limit per 256 reached.

Failing Item:

- UJ0E3
- UJC35

B0034202

Explanation: Received storage overrun; error limit per 256 reached.

Failing Item:

- FI00730
- UJC35

B0034203

Explanation: Incorrect stop bit; error limit per 256 reached.

Failing Item:

- UJ0E3
- UJC35

B0034204

Explanation: Receive-time-out error; error limit per 256 reached.

Failing Item:

- UJC35
- UJ0E3

B0034205

Explanation: Number of characters discarded; error limit per 256 reached.

Failing Item:

- UJ0E3
- UJC35
- UJB37

B0034206

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- FI00730
- AJDG301

B0034209

Explanation: Wrong data received; error limit per 256 reached.

Failing Item:

- UJ0E3
 - UJC35
-

B0034220

Explanation: Port already in use.

Response:

Failing Item:

- AJDG301
 - FI00719
 - UJC35
-

B0034240

Explanation: Port not installed.

Response:

Failing Item:

- AJDG301
 - FI00719
 - UJC35
-

B0034340

Explanation: Automatic call unit port is not installed.

Response:

Failing Item:

- AJDG301
 - UJC35
 - FI00719
 - FI00702
-

B0034376

Explanation: Automatic call unit already in use.

Failing Item:

- AJDG301
 - UJC38
 - UJC35
-

B0034502

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
 - FI00730
-

B0034503

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
 - FI00730
 - UJC35
-

B0034504

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
 - UJC35
-

B0034505

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
 - UJC35
 - FI00730
-

B0034506

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
 - UJC35
 - FI00730
-

B0034507

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
 - FI00730
 - UJC35
-

B0034508

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
 - FI00730
-

B0034509

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
- UJC35
- FI00730

B003450A

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
- FI00730
- UJC35

B003450B

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
- FI00730

B003450C

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
- FI00730

B003450D

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- UJC35
- FI00730
- AJDG301

B003450E

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
- FI00730
- UJC35

B0034549

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
- FI00730

B0034590

Explanation: Wrong number specified in controller description.

Response:

Failing Item:

- UJC36
- FI00703
- FI00701
- UJC35
- FI00719

B0034592

Explanation: No number specified in controller description.

Failing Item:

- AJDG301
- UJC36

B0034594

Explanation: Wrong number specified in controller description.

Failing Item:

- UJC36
- FI00730
- AJDG301
- UJC35

B0035410

Explanation: Switched line already in use.

Response:

Failing Item:

- FI00704
 - UJC35
 - FI00701
 - FI00719
-

B0035472

Explanation: Data-line-occupied error at time of starting.

Response:

Failing Item:

- FI00703
 - UJC38
 - FI00719
 - FI00702
-

B0035474

Explanation: Automatic call unit line connection error.

Response:

Failing Item:

- FI00702
 - FI00703
 - FI00719
 - UJ0E3
-

B0035476

Explanation: Present-next-digit error.

Response:

Failing Item:

- FI00702
 - FI00703
 - FI00719
-

B0035501

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
 - FI00730
-

B0035502

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
 - UJC35
 - FI00730
-

B0035503

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
 - UJC35
 - FI00730
-

B0035510

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
 - UJC35
 - FI00730
-

B0035511

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
 - FI00730
-

B0035512

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
 - FI00730
-

B0035513

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
 - UJC35
 - FI00730
-

B0035514

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
 - FI00730
-

B0035515

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
- UJC35
- FI00730

B0035549

Explanation: Wrong configuration value sent by vertical LIC.

Failing Item:

- AJDG301
- FI00730

B0035590

Explanation: Wrong length for number dialed.

Failing Item:

- AJDG301

B0035630

Explanation: Automatic call unit distant-station-connected time out.

Failing Item:

- FI00700
- UJ0E3
- UJC35
- FI00701
- FI00719

B0035632

Explanation: Automatic call unit had data-set-ready time out.

Response:

Failing Item:

- FI00700
- UJC35
- UJC36
- FI00703
- FI00701
- FI00719
- UJ0E3

B0035684

Explanation: Time-out on call-clear-request.

Response:

Failing Item:

- FI00704
- FI00701
- AJDG301
- FI00719

B0035886

Explanation: Automatic call unit line connection error.

Failing Item:

- FI00704
- FI00719
- FI00701

B0035A18

Explanation: Clear-to-send signal failed to drop on modem interface.

Response:

Failing Item:

- FI00704
- FI00701
- FI00719

B0035A1C

Explanation: Clear-to-send signal dropped on modem interface.

Response:

Failing Item:

- UJ0E3
- UJC35
- FI00704
- FI00701
- FI00719

B0035A20

Explanation: Clear-to-send not active on modem interface.

Response:

Failing Item:

- UJ0E3
- UJC35
- FI00704
- FI00701

- FI00719

B0035A24

Explanation: Carrier-detect dropped on modem interface.

Response:

Failing Item:

- FI00701
- FI00704
- UJ0E3
- FI00719

B0035A54

Explanation: Time-out; data-set-ready did not drop.

Response:

Failing Item:

- FI00704
- UJC35
- FI00701
- FI00719

B0035A58

Explanation: Time-out; data-set-ready not received.

Response:

Failing Item:

- FI00701
- FI00704
- FI00719
- AJDG301

B0035C68

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
- FI00730

B0035E00

Explanation: Wrong or no external communications cable installed.

Response:

Failing Item:

- FI00701
- UJC35
- FI00719

B0035E01

Explanation: Call received during dialing procedure.

Response:

Failing Item:

- UJC38
- FI00704
- FI00701
- FI00719

B0036210

Explanation: Resource or storage not available.

Failing Item:

- UJC35
- FI00730

B0036212

Explanation: Communications controller error.

Response:

Failing Item:

- FI00730
- FI00718

B0036214

Explanation: Communications controller error.

Response:

Failing Item:

- FI00730
- FI00718

B0036288

Explanation: Port not operational.

Response:

Failing Item:

- FI00719
- AJDG301
- UJC35

B0036320

Explanation: Abandon-call-retry.

Response:

Failing Item:

- FI00700
- UJC36
- FI00703

B0036322 • B0037C04

- FI00719
- FI00702

B0036322

Explanation: Abandon-call-retry; not all numbers dialed.

Response:

Failing Item:

- UJC36
- FI00703
- FI00702
- FI00719
- FI00730

B0036870

Explanation: Automatic call unit power turned off.

Response:

Failing Item:

- FI00703
- FI00702
- FI00719

B0036890

Explanation: Data-set-ready dropped on modem interface.

Response: No action is required if Operations Console is attached.

Failing Item:

- UJ0E3
- FI00701
- FI00704
- FI00719

B0036C05

Explanation: I/O card Licensed Internal Code error.

Failing Item:

- FI00730
- AJDG301

B0036C0A

Explanation: Hardware detected failure.

Response:

Failing Item:

- FI00719
- FI00718

B0037200

Explanation: Communications Configuration.

Failing Item:

- UJC35

B0037210

Explanation: Resource or storage not available.

Failing Item:

- UJC35
- FI00730

B0037212

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
- FI00730

B0037C00

Explanation: Asynchronous server program ended abnormally.

Failing Item:

- FI00730

B0037C02

Explanation: Wrong command sent by vertical Licensed Internal Code.

Failing Item:

- FI00730

B0037C03

Explanation: Resource or storage not available.

Failing Item:

- UJB37
- UJC35
- FI00730

B0037C04

Explanation: Wrong internal routing information.

Failing Item:

- FI00730

B0037C05

Explanation: Error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B0037C09

Explanation: Error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B0038011

Explanation: IOP Activation failed.

Response: The MDMCNTRYID parameter in Network Attributes is not set. Use the CHGNETA command to set MDMCNTRYID value.

Failing Item:

- UJC37
-

B0038013

Explanation: IOP Activation failed.

Response: The MDMCNTRYID parameter in Network Attributes is not valid for this adapter. Use the CHGNETA command to change MDMCNTRYID.

Failing Item:

- UJC37
-

B0038020

Explanation: System log entry only, no service action required.

B003FFFF

Explanation: User suspected communications problem.

Failing Item:

- USER

(B004) Reference codes

B0047000

Explanation: Vertical Licensed Internal Code sent an incorrect command.

Failing Item:

- FI00751
 - FI00730
-

B0047002

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0047004

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
 - FI00730
-

B0047006

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0047008

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B004700C

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
 - FI00730
-

B004700F

Explanation: Communications controller storage not available.

Failing Item:

- FI00751
 - FI00730
-

B0047010

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
 - FI00730
-

B0047012

Explanation: I/O card LIC followed incorrect procedure.

Failing Item:

- FI00730
-

B0047014

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
 - FI00730
-

B0047018

Explanation: Configuration exceeds allowed maximum for X.25 lines.

Failing Item:

- UJJ39
-

B004701A

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
 - FI00730
-

B004701C

Explanation: Wrong command value sent by IBM i

B004701E • B0047054

Operating System licensed program.

Failing Item:

- AJDG301
- FI00730

B004701E

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- UJJ36
- FI00730

B0047020

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B0047024

Explanation: No logical link available for packet network.

Failing Item:

- UJE38
- FI00751

B0047028

Explanation: No outgoing or two-way logical link available.

Failing Item:

- UJE38
- FI00751

B004702C

Explanation: Remote station not connected.

Response: This reference code usually identifies a condition that is due to a timing problem that will be recovered.

Failing Item:

- UJJ37
- FI00751

B0047030

Explanation: Logical link already disconnected.

Response: This reference code usually identifies a condition that is due to a timing problem that will be recovered.

Failing Item:

- UJJ37
- FI00751

B0047048

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B0047049

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B004704A

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B004704C

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B0047050

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
- FI00730

B0047054

Explanation: Vertical Licensed Internal Code sent wrong password length.

Failing Item:

- FI00751
- FI00730

B0047056

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0047058

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B004705C

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0047064

Explanation: Vertical Licensed Internal Code sent wrong data length.

Failing Item:

- FI00751
 - FI00730
-

B004707C

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
-

B0047080

Explanation: Vertical Licensed Internal Code sent an incorrect command.

Failing Item:

- FI00751
 - FI00730
-

B0047084

Explanation: Number of user requests more than maximum allowed.

Failing Item:

- FI00751

- FI00730
-

B0047090

Explanation: I/O card LIC followed incorrect procedure.

Failing Item:

- FI00751
 - FI00730
-

B0047092

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- UJJ38
 - FI00751
 - FI00730
-

B0047094

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B004728C

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00730
-

B00472F0

Explanation: I/O card Licensed Internal Code ended abnormally.

Failing Item:

- FI00730
-

B00472F2

Explanation: I/O card Licensed Internal Code stopped because of error.

Failing Item:

- FI00730
-

B0047718

Explanation: Network procedure error detected by I/O card lic int code.

Failing Item:

- UJJ36

B0047740 • B00477A6

- UJ0E2

B0047740

Explanation: Remote system sent disconnect command.

Failing Item:

- UJ0E2

B0047744

Explanation: Remote system sent disconnect mode frame.

Failing Item:

- UJ0E2

B0047768

Explanation: Remote system did not respond to command sent.

Failing Item:

- UJJ36
- UJ0E2

B004776C

Explanation: Remote system did not respond to command sent.

Failing Item:

- UJ0E2
- UJJ36

B0047770

Explanation: Remote system did not respond to disconnect command.

Failing Item:

- UJJ36
- UJ0E2

B0047774

Explanation: Remote system did not verify receiving data.

Failing Item:

- UJJ36
- UJ0E2

B0047788

Explanation: Call rejected; wrong value from remote system.

Failing Item:

- UJ0E6

- UJJ37

B0047794

Explanation: Expected password not provided by remote system.

Failing Item:

- UJ0E2

B0047798

Explanation: Remote system did not respond to test command.

Failing Item:

- UJ0E2
- UJJ36

B00477A0

Explanation: Checksum error; error limit per 256 reached.

Failing Item:

- UJ0E2
- UJ0E9
- FI00730

B00477A2

Explanation: Bad data sent; error limit per 256 reached.

Failing Item:

- UJ0E9

B00477A4

Explanation: Bad data received; error limit per 256 reached.

Failing Item:

- UJ0E9
- UJJ35

B00477A6

Explanation: Remote system not ready; error limit per 256 reached.

Failing Item:

- UJ0E2
- UJ0E9
- UJJ35

B0047800

Explanation: Vertical Licensed Internal Code sent an incorrect command.

Failing Item:

- FI00751
 - FI00730
-

B0047802

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0047804

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
 - FI00730
-

B0047806

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0047808

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B004780C

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
-

B0047810

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
-

- FI00730
-

B0047812

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- FI00751
-

B0047820

Explanation: Too many logical channels defined.

Failing Item:

- UJJ36
 - FI00730
-

B0047824

Explanation: Outgoing and two-way logical channel not available.

Response: This reference code usually identifies a condition that is due to a timing problem that will be recovered.

Failing Item:

- UJJ37
 - FI00751
 - FI00730
-

B0047828

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B004782C

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
 - FI00730
-

B0047840

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- AJDG301
 - FI00730
-

B0047842 • B0047860

B0047842

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- AJDG301
- FI00730

B0047844

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- AJDG301
- FI00730

B0047846

Explanation: Communications controller storage not available.

Failing Item:

- FI00751
- FI00730

B004784C

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B004784D

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B004784E

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B0047850

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B0047854

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B0047857

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- AJDG301
- FI00730

B0047858

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B004785A

Explanation: Application sent invalid Q/M bit request sequence.

Failing Item:

- UJ0E6
- AJDG301
- FI00730

B004785C

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B0047860

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- UJJ38

B0047864

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- UJJ38
 - FI00751
 - FI00730
-

B0047868

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B004786C

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0047870

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0047872

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
 - FI00730
-

B0047874

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0047876

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
 - FI00730
-

B0047878

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B004787A

Explanation: PLC/HDLC DTE/DCE mode configured not valid.

Failing Item:

- FI00751
 - FI00730
-

B004787C

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0047884

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- FI00751
 - FI00730
-

B0047888

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- FI00751
 - FI00730
-

B004788C

Explanation: Vertical LIC sent commands in wrong order.

Response: This reference code usually identifies a

B0047894 • B0047F1C

condition that is due to a timing problem that will be recovered.

Failing Item:

- UJJ37
- FI00751
- IOA
- FI00701

B0047894

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- FI00751
- FI00730

B0047898

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
- FI00730

B00478A0

Explanation: No incoming call available to be processed.

Response: This reference code usually identifies a condition that is due to a timing problem that will be recovered.

Failing Item:

- UJJ37
- FI00730

B00478A4

Explanation: I/O card Licensed Internal Code used incorrect value.

Failing Item:

- FI00751
- FI00730

B00478A6

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B0047A90

Explanation: I/O card Licensed Internal Code used incorrect value.

Failing Item:

- FI00730

B0047AF0

Explanation: I/O card Licensed Internal Code stopped because of error.

Failing Item:

- FI00730

B0047AF4

Explanation: I/O card Licensed Internal Code stopped because of error.

Failing Item:

- FI00751
- FI00730

B0047F14

Explanation: Reset packet received.

Failing Item:

- UJ0E9
- UJ0E2
- UJJ36
- UJJ35

B0047F18

Explanation: Clear packet received.

Failing Item:

- UJ0E9
- UJJ39
- UJ0E2
- UJJ36
- FI00751

B0047F1C

Explanation: X.25 restart packet received.

Failing Item:

- UJ0E9
- UJJ36

B0047F30

Explanation: X.25 reset request packet sent.

Failing Item:

- UJJ36
 - UJ0E9
-

B0047F34

Explanation: X.25 clear request packet sent.

Failing Item:

- UJJ36
 - UJ0E9
-

B0047F35

Explanation: X.25 clear packet sent, packet size negotiation failed.

Failing Item:

- UJ0E9
 - UJJ35
-

B0047F36

Explanation: X.25 clear packet sent, window size negotiation failed.

Failing Item:

- UJ0E9
 - UJJ35
-

B0047F38

Explanation: X.25 restart request packet sent.

Failing Item:

- UJ0E9
 - UJJ36
-

B0047F3A

Explanation: X.32 restart negotiation failed.

Failing Item:

- UJ0E9
 - UJJ39
-

B0047F3C

Explanation: Time-out on restart packet.

Failing Item:

- UJ0E9

B0047F40

Explanation: Time-out on reset packet.

Failing Item:

- UJ0E9
 - UJJ36
-

B0047F44

Explanation: Time-out on call packet.

Failing Item:

- UJ0E9
 - UJJ36
-

B0047F48

Explanation: Time-out on clear packet.

Failing Item:

- UJ0E9
 - UJJ36
-

B0047F80

Explanation: Packet network used wrong procedures.

Failing Item:

- UJ0E9
 - UJA36
-

B0047FA8

Explanation: Received packet to help diagnosis.

Failing Item:

- UJ0E9
 - FI00730
-

B0047FB0

Explanation: Restart packet sent; error limit per 256 reached.

Failing Item:

- UJ0E9
-

B0047FB1

Explanation: Reset packet received; error limit per 256 reached.

Failing Item:

- UJ0E9
- UJ0E2
- UJJ36
- UJJ35

(B005) Reference codes

B005A000

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH

B005A001

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH

B005A002

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH

B005A003

Explanation: Procedure error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH

B005A004

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH

B005A005

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH

B005A006

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH

B005A007

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH

B005A008

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH

B005A009

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH

B005A00A

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH

B005A00B

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH

B005A00C

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH

B005A00E

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- PTFSRCH

B005A010 • B005A01E

B005A010

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A011

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A012

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A013

Explanation: Wrong config data given to local area network controller.

Failing Item:

- PTFSRCH
-

B005A014

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A015

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A016

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A017

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A018

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A019

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A01A

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A01B

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A01C

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A01D

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A01E

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A01F

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A020

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A021

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A022

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A023

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A024

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A025

Explanation: Procedure error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A027

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A028

Explanation: Input value error in I/O card Licensed Internal Code.

B005A029

Explanation: Procedure error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A02A

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A02B

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A02C

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A02D

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A02E

Explanation: Wrong frame received from remote equipment.

Failing Item:

- UJE39
-

B005A02F

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH

B005A201 • B005A402

B005A201

Explanation: Token-Ring controller storage not available.

Failing Item:

- PTFSRCH
-

B005A202

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A203

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A204

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A205

Explanation: I/O card Licensed Internal Code received unexpected response.

Failing Item:

- AJGJQ01
-

B005A206

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A207

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A208

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A209

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A20A

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A20B

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A20C

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A213

Explanation: Severe error detected by I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A214

Explanation: Severe error detected by I/O card Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005A402

Explanation: Token-ring adapter card error.

Failing Item:

- IOA
 - PTFSRCH
-

B005A403

Explanation: Token-ring adapter card error.

Failing Item:

- IOA
-

B005A404

Explanation: Token-ring adapter card error.

Failing Item:

- IOA
 - UJE37
-

B005A405

Explanation: Token-ring adapter card error.

Failing Item:

- IOA
-

B005A406

Explanation: Token-ring adapter card error.

Failing Item:

- IOA
-

B005A408

Explanation: Ring status information logged; not serious.

Failing Item:

- UJE37
-

B005A409

Explanation: Severe error detected by I/O card Licensed Internal Code.

Failing Item:

- IOA
-

B005A40A

Explanation: Token-ring adapter card error.

Failing Item:

- IOA
-

B005A40B

Explanation: Token-ring adapter card error.

Failing Item:

- IOA
-

B005A40C

Explanation: Token-ring adapter card error.

Failing Item:

- IOA
-

B005A410

Explanation: Ring status information logged; not serious.

Failing Item:

- UJE37
 - FI00712
 - FI00701
-

B005A411

Explanation: Ring status information logged; not serious.

Failing Item:

- IOA
 - UJE33
-

B005A412

Explanation: Ring status information logged; not serious.

Failing Item:

- UJE33
 - IOA
-

B005A413

Explanation: Ring status information logged; serious.

Failing Item:

- FI00701
 - FI00712
 - IOA
-

B005A414

Explanation: Ring status information logged; serious.

Failing Item:

- IOA
 - FI00701
 - FI00712
-

B005A415

Explanation: Ring status information logged; serious.

Failing Item:

- UJE31
-

B005A416 • B005A42A

- UJE37

B005A416

Explanation: Ring status information logged; not serious.

Failing Item:

- UJE37

B005A417

Explanation: Wrong frame received from remote equipment.

Failing Item:

- UJE37

B005A420

Explanation: Token-ring adapter card error.

Failing Item:

- IOA
- FI00712
- FI00701

B005A421

Explanation: Token-ring adapter card error.

Failing Item:

- UJE37
- FI00712
- FI00701

B005A422

Explanation: Token-ring adapter card error.

Failing Item:

- FI00701
- FI00712
- IOA

B005A423

Explanation: Token-ring adapter card error.

Failing Item:

- UJE37
- IOA

B005A424

Explanation: Token-ring adapter card error.

Response: Change the line speed parameter for the Token-ring card.

The card must be varied off before changing the line speed.

Failing Item:

- UJE37
- UJE35
- FI00712
- IOA

B005A425

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- UJE35

B005A426

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- UJE32
- UJE37

B005A427

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- UJE31
- UJE37

B005A428

Explanation: Token-ring adapter card error.

Failing Item:

- PTFSRCH

B005A429

Explanation: Procedure error in I/O card Licensed Internal Code.

Failing Item:

- UJE37
- FI00712
- FI00701

B005A42A

Explanation: User suspected communications problem.

Response: The adapter does not support Full DUPLEX or did not detect Full Duplex.

Failing Item:

- USER

B005A703

Explanation: Ring status information logged; serious.

Failing Item:

- IOA
- FI00701
- UJE37

B005A710

Explanation: Address not recognized; error limit per 256 reached.

Failing Item:

- UJE37
- IOA
- PTFSRCH

B005A711

Explanation: Frame not copied; error limit per 256 reached.

Failing Item:

- UJE39
- IOA
- PTFSRCH

B005A712

Explanation: Transmit strip; error limit per 256 reached.

Failing Item:

- IOA
- UJE37

B005A713

Explanation: Access priority not authorized; error limit per 256 reached.

Failing Item:

- PTFSRCH

B005A714

Explanation: Frames not authorized; error limit per 256 reached.

Failing Item:

- PTFSRCH

B005A715

Explanation: Temporary errors; error limit per 256 reached.

Failing Item:

- IOA
- UJE37

B005A716

Explanation: Transmit beacon; error limit per 256 reached.

Failing Item:

- IOA
- UJE37

B005A718

Explanation: Status queue overrun; error limit per 256 reached.

Failing Item:

- UJE38

B005A719

Explanation: Frames discarded; error limit per 256 reached.

Failing Item:

- PTFSRCH
- UJE38

B005A721

Explanation: Interrupts not expected; error limit per 256 reached.

Failing Item:

- IOA

B005B000

Explanation: I/O card Licensed Internal Code error.

Failing Item:

- PTFSRCH

B005B003

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005B006

Explanation: Token-ring error monitor has stopped.

Failing Item:

- PTFSRCH

B005B009

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- PTFSRCH

B005B00A

Explanation: Output value error in vertical Licensed Internal Code.

Failing Item:

- PTFSRCH

B005B00B

Explanation: Output value error in vertical Licensed Internal Code.

Failing Item:

- PTFSRCH

B005B0C0

Explanation: Required I/O card Licensed Internal Code not active.

Failing Item:

- FI00701
- UJE35
- UJE37
- FI00712
- IOA

B005B300

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- PTFSRCH

B005B700

Explanation: Wrong frame received from remote equipment.

Response: All unit reference codes that start with a value of B7 and end with any value from 00 through FF have the same meaning as this unit reference code.

B005C000

Explanation: I/O card Licensed Internal Code error.

Failing Item:

- PTFSRCH

B005C003

Explanation: Configuration report server is deactivating.

Failing Item:

- PTFSRCH

B005C005

Explanation: Configuration report server is activating.

Failing Item:

- PTFSRCH

B005C010

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- PTFSRCH

B005C0E6

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- PTFSRCH

B005C0E7

Explanation: Output value error in vertical Licensed Internal Code.

Failing Item:

- PTFSRCH

B005C0E8

Explanation: Output value error in vertical Licensed Internal Code.

Failing Item:

- PTFSRCH

B005C0E9

Explanation: Configuration report server activation failed.

Failing Item:

- PTFSRCH

B005C0EA

Explanation: Configuration report server activation failed.

Failing Item:

- PTFSRCH
-

B005C0EB

Explanation: Configuration report server activation failed.

Failing Item:

- PTFSRCH
-

B005C0EE

Explanation: I/O card Licensed Internal Code error.

Failing Item:

- PTFSRCH
-

B005C0EF

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- UJE34
-

B005C0F4

Explanation: Required I/O card Licensed Internal Code not active.

Failing Item:

- FI00701
 - UJE35
 - UJE37
 - FI00712
 - IOA
-

B005C300

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- PTFSRCH
-

B005C700

Explanation: Procedure error in vertical Licensed Internal Code.

B005C701

Explanation: Procedure error in vertical Licensed Internal Code.

B005C702

Explanation: Wrong frame received from remote equipment.

B005C703

Explanation: Wrong frame received from remote equipment.

B005FFFF

Explanation: User suspected communications problem.

Failing Item:

- USER

(B006) Reference codes

B0061201

Explanation: I/O processor resource not available.

Response: A deactivation failed to get a resource controlled by Licensed Internal Code.

Failing Item:

- AJEQU00
 - AJDG301
-

B0061202

Explanation: Not valid condition in I/O Processor Licensed Internal Code.

Response: An error in an activation or deactivation occurred.

Failing Item:

- AJEQU00
 - AJDG301
 - FI00131
-

B0061203

Explanation: I/O processor resource not available.

Response: A resource needed to perform a requested function is not available in the Licensed Internal Code.

Failing Item:

- AJEQU00
 - AJDG301
-

B0061204

Explanation: Not valid condition in I/O Processor Licensed Internal Code.

Response: The Licensed Internal Code has recovered from a condition that was not expected.

Failing Item:

- AJEQU00
 - AJDG301
 - FI00131
-

B0061205

Explanation: I/O processor card or Licensed Internal Code error.

Response: A microprocessor exception occurred on the I/O processor.

Failing Item:

- AJEQU00
 - FI00131
 - FI00132
-

B0061206

Explanation: I/O processor card or Licensed Internal Code error.

Response: A microprocessor exception occurred on the I/O processor.

Failing Item:

- AJEQU00
 - FI00131
 - FI00132
-

B0061207

Explanation: I/O processor resource not available.

Response: The Licensed Internal Code could not allocate memory resources on the I/O processor card.

Failing Item:

- AJEQU00
 - AJDG301
-

B0061208

Explanation: Not valid condition in I/O Processor Licensed Internal Code.

Response: The Licensed Internal Code found a condition that should not have occurred.

Failing Item:

- AJEQU00
 - AJDG301
 - FI00131
-

B0061209

Explanation: I/O processor was not ready for interrupt that occurred.

Failing Item:

- AJEQU00
 - FI00131
-

B0061210

Explanation: I/O processor resource not available.

Response: The I/O processor error log is being filled faster than the errors are being reported to the system.

B0061211 • B0061305

Check other errors reported to the system and correct them.

B0061211

Explanation: System bus error.

Failing Item:

- FI00131
- ANYBUS
- AJEQU00
- AJDG301

B0061212

Explanation: A permanent I/O processor failure occurred.

Failing Item:

- FI00131
- AJEQU00

B0061213

Explanation: System bus error.

Failing Item:

- AJDG301
- AJEQU00
- FI00131

B0061214

Explanation: I/O processor card or Licensed Internal Code error.

Failing Item:

- FI00131
- AJEQU00

B0061215

Explanation: I/O processor card or Licensed Internal Code error.

Failing Item:

- FI00131
- AJEQU00

B0061301

Explanation: I/O processor resource not available.

Response: An activation or deactivation failed to get a resource controlled by Licensed Internal Code.

Failing Item:

- UJE38
- AJDGP01

- AJDG301

B0061302

Explanation: Not valid condition in I/O Processor Licensed Internal Code.

Response: An error in an activation or deactivation occurred.

Failing Item:

- AJDGP01
- AJDG301
- FI00131
- FI00132

B0061303

Explanation: I/O processor resource not available.

Response: A resource needed to perform a requested function is not available in the Licensed Internal Code.

Failing Item:

- IOACNFG
- AJDGP01
- AJDG301

B0061304

Explanation: Not valid condition in I/O Processor Licensed Internal Code.

Response: The Licensed Internal Code has recovered from an unexpected condition.

Failing Item:

- AJDGP01
- AJDG301
- FI00131
- FI00132

B0061305

Explanation: I/O processor card or Licensed Internal Code error.

Response: A microprocessor exception occurred on the I/O processor.

Failing Item:

- AJDGP01
- FI00131
- FI00132
- BACKPLN

B0061306

Explanation: I/O processor card or Licensed Internal Code error.

Response: A microprocessor exception occurred on the I/O processor.

Failing Item:

- AJDGP01
 - FI00131
 - FI00132
 - BACKPLN
-

B0061307

Explanation: I/O processor resource not available.

Response: The Licensed Internal Code could not allocate memory resources on the I/O processor card.

Failing Item:

- AJDGP01
 - AJDG301
 - IOACNFG
 - FI00132
-

B0061308

Explanation: Not valid condition in I/O Processor Licensed Internal Code.

Response: The Licensed Internal Code found a condition that should not have occurred.

Failing Item:

- AJDGP01
 - AJDG301
 - FI00131
-

B0061309

Explanation: I/O processor was not ready for interrupt that occurred.

Failing Item:

- AJDGP01
 - FI00131
 - FI00132
 - FI01117
-

B0061310

Explanation: I/O processor resource not available.

Response: The I/O processor error log is being filled faster than the errors are being reported to the system. Check other errors reported to the system and correct them.

B0061311

Explanation: System bus error.

Failing Item:

- FI00131
 - ANYBUS
 - AJDGP01
 - AJDG301
-

B0061312

Explanation: A permanent I/O processor failure occurred.

Failing Item:

- FI00131
 - AJDGP01
-

B0061313

Explanation: System bus error.

Failing Item:

- AJDG301
 - AJDGP01
 - FI00131
-

B0061316

Explanation: I/O processor card or Licensed Internal Code error.

Failing Item:

- AJDGP01
 - FI00132
 - FI00131
-

B0061317

Explanation: I/O processor card error.

Response: Display the Service Action Log entry for this SRC. If the Failing Item indicates IOP, then replace the IOP. If the Failing Item indicates SVCDOCS, then do NOT replace the IOP. This is a recoverable error. Perform the following:

1. If the I/O Processor is not operable and disk units are attached, use Hardware Service Manager to re-IPL the IOP. Other resources attached to the IOP may then need to be Varied On.
2. If disk units are not attached, perform the VRYCFG RESET(*YES) command to reset the IOP and Vary On attached resources.

Failing Item:

- SVCDOCS
-

B0061318

Explanation: I/O processor card error.

Failing Item:

- FI00131

B0061403

Explanation: Service processor Licensed Internal Code error .

Response: A resource needed to perform a requested function is not available in the Licensed Internal Code.

Failing Item:

- AJDGP01
- SVCPROC

B0061404

Explanation: Service processor Licensed Internal Code error .

Response: The Licensed Internal Code has recovered from an unexpected condition.

Failing Item:

- AJDGP01
- SVCPROC

B0061405

Explanation: Service processor Licensed Internal Code error .

Response: A recoverable microcode condition occurred on the Service processor.

Failing Item:

- AJDGP01
- SVCPROC

B0061406

Explanation: Service processor Licensed Internal Code failed.

Response: A microprocessor exception occurred on the Service processor.

Failing Item:

- AJDGP01
- SVCPROC
- AJDG301

B0061407

Explanation: Service processor Licensed Internal Code failed.

Response: The Licensed Internal Code could not

allocate resources on the Service processor.

Failing Item:

- AJDGP01
- SVCPROC
- AJDG301

B0061408

Explanation: Service processor Licensed Internal Code failed.

Failing Item:

- AJDGP01
- AJDG301
- SVCPROC

B0061409

Explanation: Service processor Licensed Internal Code failed.

Response: The Service processor was not ready for an interrupt that occurred.

Failing Item:

- AJDGP01
- SVCPROC

B0061A01

Explanation: I/O processor resource not available.

Response: A deactivation failed to get a resource controlled by Licensed Internal Code.

Failing Item:

- UJE38
- FI00130
- AJDG301

B0061A02

Explanation: Not valid condition in I/O Processor Licensed Internal Code.

Response: An error in an activation or deactivation occurred.

Failing Item:

- FI00130
- FI00131
- FI00132

B0061A03

Explanation: I/O processor resource not available.

Response: A resource that is needed to perform a requested function is not available in the Licensed Internal Code.

Failing Item:

- FI00130
- AJDG301
- UJE38

B0061A04

Explanation: Recovered from condition in Licensed Internal Code.

Response: The Licensed Internal Code has recovered from a condition that was not expected.

Failing Item:

- FI00130
- AJDG301
- FI00131
- FI00132

B0061A05

Explanation: I/O processor card or Licensed Internal Code error.

Response: A microprocessor exception occurred on the I/O processor.

Failing Item:

- FI00130
- FI00131
- FI00132

B0061A06

Explanation: I/O processor card or Licensed Internal Code error.

Response: A microprocessor exception occurred on the I/O processor.

Failing Item:

- FI00130
- FI00131
- FI00132

B0061A07

Explanation: I/O processor resource not available.

Response: The Licensed Internal Code could not allocate memory resources on the I/O processor card.

Failing Item:

- UJE38
- FI00132
- FI00130
- AJDG301

B0061A08

Explanation: Not valid condition in I/O Processor Licensed Internal Code.

Response: The Licensed Internal Code found a condition that should not have occurred.

Failing Item:

- FI00130
- FI00131
- FI00132

B0061A09

Explanation: Threshold overflow.

Response: The I/O processor card has detected a threshold of recoverable error conditions. The errors are either wrong interruptions or memory error corrections. If in communications, the line is still running.

If a large number of these errors occur during a short time, they may be caused by an electrically noisy environment, a defective communications I/O processor card or modem, or a communications I/O processor code problem.

Failing Item:

- FI00131
- FI00132
- FI01117
- FI00130

B0061A10

Explanation: Error reported to system.

Response: The I/O processor error log is being filled faster than the errors are being reported to the system. Check other errors reported to the system and correct them.

(B008) Reference codes

B0081200

Explanation: Communications controller task ended abnormally; type 1.

Failing Item:

- FI00730

B0081201

Explanation: Communications controller task ended abnormally; type 2.

Failing Item:

- FI00730

B0081202

Explanation: Communications controller task ended abnormally; type 3.

Failing Item:

- FI00730

B0081701

Explanation: Disconnect mode frame received.

Failing Item:

- UJ0E9

B0081702

Explanation: Disconnect mode frame received during link activation.

Failing Item:

- UJ0E3

B0081703

Explanation: Disconnect mode frame received when transmitting information.

Failing Item:

- UJ0E3
- FI00730

B0081704

Explanation: Frame reject type W received.

Failing Item:

- FI00730
- UJ0E3

B0081705

Explanation: Frame reject type X received.

Failing Item:

- FI00730
- UJ0E3

B0081706

Explanation: Frame reject type Y received.

Failing Item:

- FI00730
- UJJ35

B0081707

Explanation: Frame reject type Z received.

Failing Item:

- FI00730
- UJ0E3

B0081708

Explanation: Frame reject type W sent.

Failing Item:

- UJ0E3
- FI00730

B0081709

Explanation: Frame reject type X sent.

Failing Item:

- UJ0E3
- FI00730

B008170A

Explanation: Frame reject type Y sent.

Failing Item:

- UJJ35
- UJ0E3

B008170B

Explanation: Frame reject type Z sent.

Failing Item:

- FI00730
- UJ0E3

B008170C

Explanation: Frame retry limit reached.

Failing Item:

- UJ0E9
- FI00701
- FI00704
- UJJ35

B008170D

Explanation: Set-asynchronous-balance-mode frame received in data mode.

Failing Item:

- FI00730
- UJ0E3

B008170E

Explanation: Wrong response received from remote equipment.

Failing Item:

- UJJ35
- UJ0E3
- FI00700

B0082651

Explanation: First call failed, retrying call; no CFI from modem.

Failing Item:

- UJE34
- UJJ35
- FI00704
- FI00701

B0082652

Explanation: First call failed, retrying call; CFI AB from modem.

Failing Item:

- UJ0E3
- FI00704
- UJA35

B0082653

Explanation: First call failed, retrying call; CFI DE from modem.

Failing Item:

- UJ0E3
- FI00704

B0082654

Explanation: First call failed, retrying call; CFI ET from modem.

Failing Item:

- UJ0E3
- UJA35

B0082656

Explanation: First call failed, retrying call; CFI NT from modem.

Failing Item:

- UJ0E3
- FI00705
- UJA35

B0082657

Explanation: First call failed, retrying call; CFI RT from modem.

Failing Item:

- UJ0E3
- UJA35

B0082660

Explanation: Call failed, retrying call; Non-standard CFI from modem.

Failing Item:

- UJ0E3
- FI00704

B008450A

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301

B0084590

Explanation: Wrong telephone number specified in system configuration.

Failing Item:

- UJA35
- FI00751

B0084592

Explanation: No number specified in controller description.

Failing Item:

- UJA35
- FI00751

B0084594

Explanation: Wrong telephone number specified in system configuration.

Failing Item:

- UJA35
- FI00751

B0085000

Explanation: Wrong command received by communications controller.

Failing Item:

- FI00751

B0085002

Explanation: Wrong procedure followed by I/O card Licensed Internal Code.

Failing Item:

- FI00751

B0085008

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- UJE34

B0085009

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00751

B008500B

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00751

B008500C

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00751

B008500D

Explanation: Wrong data length received by communications controller.

Failing Item:

- FI00751
- UJJ35

B008500E

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00751

B008500F

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00751

B0085010

Explanation: Wrong reset option received by communications controller.

Failing Item:

- FI00751
- FI00730

B0085011

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00751
- FI00730

B0085012

Explanation: Wrong session ID received by communications controller.

Failing Item:

- FI00751
- FI00730

B0085014

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00751
- FI00730

B0085015

Explanation: Communications line already in use.

Failing Item:

- FI00751
- FI00730

B0085016

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00751
- FI00730

B0085017

Explanation: Wrong storage value received; communications controller.

Failing Item:

- FI00751
- FI00730

B0085018

Explanation: Wrong trace type received by communications controller.

Failing Item:

- FI00751
- FI00730

B0085019

Explanation: Wrong trace length received by communications controller.

Failing Item:

- FI00751
- FI00730

B008501A

Explanation: Communications controller temporary storage area too small.

Failing Item:

- FI00751

B008501B

Explanation: Wrong ID length value sent by vertical LIC.

Failing Item:

- FI00751

B008501C

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00730

B008501E

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00730

B008501F

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00730

B0085022

Explanation: Port already in use.

Failing Item:

- FI00751
- FI00730

B0085023

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- FI00751

B0085024

Explanation: DTE/DCE role negotiation not valid for leased line.

Failing Item:

- FI00751

B00850E0

Explanation: Wrong or no external communications cable installed.

Failing Item:

- UJJ35
- FI00701
- IOA

B00850E1

Explanation: Port already in use.

Failing Item:

- UJJ35
 - FI00730
-

B00850E3

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
 - UJJ35
-

B00850E4

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
-

B00850E5

Explanation: Wrong adapter type value sent by Vertical LIC.

Failing Item:

- FI00751
 - UJJ35
-

B00850E6

Explanation: Wrong slot number value sent by Vertical LIC.

Failing Item:

- FI00751
 - UJJ35
-

B00850E7

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- UJJ35
 - FI00751
-

B00850E8

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
-

B00850E9

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
-

B00850EC

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
-

B00850ED

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
-

B00850EE

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
-

B00850F1

Explanation: Communications adapter card not installed.

Failing Item:

- AJDG301
 - UJJ35
 - IOA
-

B00850F2

Explanation: V.25 adapter not installed.

Failing Item:

- UJJ35
 - FI00702
 - IOA
-

B00850F5

Explanation: Network uncontrolled-not-ready warning; information only.

Failing Item:

- UJE34
-

B00850F6

Explanation: Network controlled-not-ready warning; information only.

Failing Item:

- UJE34

B00850F7

Explanation: Data-set-ready changed to not active; for information only.

Failing Item:

- UJE34

B0085203

Explanation: I/O card Licensed Internal Code resource not available.

Failing Item:

- FI00730

B0085206

Explanation: Communications controller storage not available.

Failing Item:

- FI00730

B00852E0

Explanation: Incorrect command used by I/O card Licensed Internal Code.

Failing Item:

- FI00730

B00852E1

Explanation: Wrong procedure followed by I/O card Licensed Internal Code.

Failing Item:

- FI00730

B00852E2

Explanation: I/O card Licensed Internal Code resource not available.

Failing Item:

- FI00730
- UJJ35

B00852E3

Explanation: Wrong response sent by I/O card Licensed Internal Code.

Failing Item:

- FI00730

B00852E4

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301

B00852E5

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00730

B00852E7

Explanation: X.21 network not in the ready or receive-data state.

Failing Item:

- FI00704
- IOA
- FI00701

B00852E8

Explanation: Error when releasing communications controller storage.

Failing Item:

- FI00730

B00852E9

Explanation: Error when assigning communications controller storage.

Failing Item:

- FI00730

B00852EA

Explanation: I/O card Licensed Internal Code error.

Failing Item:

- FI00730
-

B0085301

Explanation: Adapter card receive error.

Failing Item:

- IOA
-

B0085302

Explanation: Adapter card transmit error.

Failing Item:

- IOA
-

B0085401

Explanation: Communications IOP interrupt not expected.

Failing Item:

- IOA
-

B0085410

Explanation: Data-set-ready error on modem interface.

Failing Item:

- FI00704
 - FI00702
 - IOA
-

B0085472

Explanation: Data-line-occupied initially 'on' error.

Failing Item:

- FI00702
 - FI00703
 - UJ0E3
 - IOA
-

B0085474

Explanation: Automatic call unit has data-line-occupied error.

Failing Item:

- FI00702
 - FI00703
 - UJ0E3
 - IOA
-

B0085476

Explanation: Automatic call unit has present-next-digit error.

Failing Item:

- FI00703
-

- FI00702
 - IOA
-

B00854E1

Explanation: Port not operational.

Failing Item:

- IOA
 - UJJ35
-

B0085600

Explanation: Clear-to-send off; error limit per 256 reached.

Failing Item:

- FI00704
-

B0085601

Explanation: Data-set-ready state changed; error limit per 256 reached.

Failing Item:

- FI00704
-

B0085602

Explanation: Clear-to-send state changed; error limit per 256 reached.

Failing Item:

- FI00704
-

B0085603

Explanation: Carrier-detect state changed; error limit per 256 reached.

Failing Item:

- FI00701
 - FI00704
 - FI00705
 - UJ0E3
-

B008560B

Explanation: Data-set-ready error; error limit per 256 reached.

Failing Item:

- FI00701
 - FI00704
 - UJ0E3
 - FI00705
-

B0085630 • B00856F1

B0085630

Explanation: Automatic call unit has distant-station-connected error.

Failing Item:

- FI00700
- UJ0E3
- UJJ35
- FI00701
- IOA

B0085632

Explanation: Automatic call unit has data-set-ready error.

Failing Item:

- FI00700
- UJJ35
- UJA35
- FI00703
- FI00701
- IOA
- UJ0E3

B0085651

Explanation: Call failed, no Call Failure Indication from modem.

Failing Item:

- UJE34
- UJJ35
- FI00704
- FI00701

B00856E8

Explanation: Clear-to-send not active on modem interface.

Failing Item:

- UJ0E3
- FI00704
- UJJ35
- FI00701
- IOA

B00856E9

Explanation: Clear-to-send signal failed to drop on modem interface.

Failing Item:

- FI00704
- IOA

- FI00701
- AJDG301

B00856EA

Explanation: Clear-to-send signal dropped on modem interface.

Failing Item:

- UJ0E3
- FI00704
- UJJ35
- IOA
- FI00701

B00856EB

Explanation: Carrier-detect dropped on modem interface.

Failing Item:

- FI00701
- FI00704
- FI00705
- UJ0E3
- IOA

B00856EC

Explanation: Data-set-ready signal turn-off time-out.

Failing Item:

- FI00704
- UJJ35
- FI00701
- IOA

B00856ED

Explanation: Data-set-ready signal turn-on time-out.

Failing Item:

- FI00704
- IOA
- FI00701
- AJDG301

B00856F1

Explanation: Data-set-ready dropped on modem interface.

Failing Item:

- FI00704
- FI00705
- UJ0E3
- FI00701

- IOA

B0085718

Explanation: SABM response or UA command received.

Failing Item:

- UJJ35
- UJ0E3

B0085719

Explanation: Protocol mismatch during link initialization.

Failing Item:

- UJA35
- FI00700
- UJ0E3

B0085721

Explanation: Could not send frame to remote equipment; local problem.

Failing Item:

- FI00704
- AJDG301
- FI00701
- IOA

B00857E0

Explanation: Frame check error; error limit per 256 reached.

Failing Item:

- UJ0E3
- FI00705
- FI00704

B00857E1

Explanation: Overrun error; error limit per 256 reached.

Failing Item:

- UJJ35
- FI00751

B00857E2

Explanation: Short frame error; error limit per 256 reached.

Failing Item:

- FI00700
- FI00751

- FI00705
- FI00704
- UJ0E3

B00857E3

Explanation: Abnormal end received; error limit per 256 reached.

Failing Item:

- FI00751
- FI00700
- FI00705
- FI00704
- UJ0E3

B00857E4

Explanation: Underrun threshold error; limit per 256 reached.

Failing Item:

- IOA

B00857E5

Explanation: Long frame; error limit per 256 reached.

Failing Item:

- UJJ35
- FI00751
- FI00700

B00857F0

Explanation: Send sequence counter error; error limit per 256 reached.

Failing Item:

- FI00751
- FI00701
- FI00704
- UJ0E3

B00857F1

Explanation: Receive sequence counter error; error limit per 256 reached.

Failing Item:

- FI00751
- FI00700

B00857F2

Explanation: Response time-out error; error limit per 256 reached.

Failing Item:

- FI00700
- UJ0E3
- FI00751
- FI00704
- UJJ35
- FI00705
- AJDG301

B0085886

Explanation: Automatic call unit switched link time-out; no answer.

Failing Item:

- FI00703
- IOA
- FI00702
- UJ0E3

B0085E01

Explanation: Call error; incoming call received during outgoing call.

Failing Item:

- UJ0E3

B0086320

Explanation: Automatic call unit has abandon-call attempt.

Failing Item:

- FI00700
- UJA35
- FI00703
- IOA
- FI00702

B0086322

Explanation: Abandon call retry error; incorrect number length.

Failing Item:

- UJA35
- FI00703

B0086870

Explanation: Automatic call unit power turned off.

Failing Item:

- FI00703
- FI00702
- IOA

B0088011

Explanation: IOP Activation failed.

Response: The MDMCNTRYID parameter in Network Attributes is not set. Use the CHGNETA command to set MDMCNTRYID.

Failing Item:

- UJE34

B0088013

Explanation: IOP Activation failed.

Response: The MDMCNTRYID parameter in Network Attributes is not valid for this adapter. Use the CHGNETA command to change the MDMCNTRYID value.

Failing Item:

- UJE34

B0088020

Explanation: User suspected communications problem.

B008DA00

Explanation: The I/O card LIC detected an internal error.

Failing Item:

- FI00730

B008DA01

Explanation: The I/O card LIC detected an internal error.

Failing Item:

- FI00730
- IOA

B008FFFF

Explanation: User suspected communications problem.

Failing Item:

- USER

(B009) Reference codes

B009A000

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730

B009A001

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
- AJDG301

B009A002

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730

B009A003

Explanation: Procedure error in I/O card Licensed Internal Code.

Failing Item:

- FI00730

B009A009

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B009A00A

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B009A013

Explanation: Wrong configuration data given to Ethernet controller.

Failing Item:

- AJDG301

- UJE35

B009A01B

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B009A01C

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B009A01D

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B009A01F

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
- AJDG301

B009A020

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730

B009A022

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B009A023

Explanation: Input value error in I/O card Licensed Internal Code.

B009A024 • B009A20A

Failing Item:

- AJDG301
-

B009A024

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A027

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B009A028

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
 - AJDG301
-

B009A02A

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B009A02B

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A02C

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A02D

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A201

Explanation: Ethernet controller storage not available.

Failing Item:

- FI00730
-

B009A203

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A204

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A205

Explanation: I/O card Licensed Internal Code received incorrect response.

Failing Item:

- FI00730
-

B009A206

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A208

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A209

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A20A

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A20B

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A20C

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
 - AJDG301
-

B009A213

Explanation: Serious error detected by I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B009A214

Explanation: Serious error detected by I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B009A404

Explanation: Ethernet adapter card error.

Failing Item:

- IOA
 - UJE40
-

B009A40B

Explanation: Ethernet adapter card error.

Failing Item:

- IOA
-

B009A42A

Explanation: User suspected communications problem.

Response: Full DUPLEX is not supported on this media type.

Failing Item:

- USER
-

B009A42B

Explanation: Configuration of DUPLEX parameter not supported by network.

Failing Item:

- UJE35
 - UJE40
-

B009A6C0

Explanation: Ethernet adapter card error.

Failing Item:

- UJE39
-

B009A6C1

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A6C2

Explanation: Ethernet adapter card error.

Failing Item:

- IOA
-

B009A6C5

Explanation: Ethernet adapter card error.

Failing Item:

- IOA
-

B009A6D1

Explanation: Ethernet adapter card error.

Failing Item:

- FI00720
 - FI00722
-

B009A6D2

Explanation: Ethernet adapter card error.

Failing Item:

- IOA
-

B009A6D3

Explanation: Ethernet adapter card error.

Response: Verify that the signal quality error switch in the transceiver that the Ethernet is attached to is set to active.

Failing Item:

B009A6D4 • B009A6F1

- FI00720
- FI00722
- IOA

B009A6D4

Explanation: Procedure error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B009A6D5

Explanation: Wrong configuration data given to Ethernet controller.

Failing Item:

- AJDG301

B009A6D6

Explanation: Wrong configuration data given to Ethernet controller.

Failing Item:

- AJDG301

B009A6D7

Explanation: Wrong configuration data given to Ethernet controller.

Failing Item:

- AJDG301

B009A6D8

Explanation: Wrong configuration data given to Ethernet controller.

Failing Item:

- AJDG301

B009A6D9

Explanation: Ethernet adapter card error.

Failing Item:

- IOA
- FI00722
- FI00720

B009A6E1

Explanation: Ethernet adapter card error.

Failing Item:

- FI00730

B009A6E2

Explanation: Ethernet adapter card error.

Failing Item:

- IOA

B009A6E3

Explanation: Ethernet transceiver error.

Failing Item:

- UJE40
- FI00722
- UJE35
- IOA

B009A6E6

Explanation: Ethernet transceiver error.

Failing Item:

- IOA

B009A6E7

Explanation: Ethernet adapter card error.

Failing Item:

- IOA

B009A6E8

Explanation: Ethernet adapter card error.

Failing Item:

- IOA

B009A6E9

Explanation: Ethernet adapter card error.

Failing Item:

- UJE40
- UJE35

B009A6F1

Explanation: User suspected communications problem.

Response: There are two cables attached to the adapter and only one is allowed. Remove one cable and vary off and then vary back on the resource.

Failing Item:

- FI00722

B009A6F2

Explanation: Configured line speed not supported by network. .

Failing Item:

- UJE35
-

B009A6F3

Explanation: Configuration of DUPLEX parameter not supported by network.

Failing Item:

- UJE35
-

B009A6F4

Explanation: Unable to establish a network link.

Failing Item:

- UJE35
 - FI00722
 - UJE40
 - IOA
-

B009A801

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A805

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A806

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
 - UJE35
-

B009A808

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
 - UJE36
-

B009A809

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A80A

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A80B

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
 - UJE36
-

B009A80C

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A80D

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A80E

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A80F

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A810

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
- FI00730

B009A811

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B009A812

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B009A815

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B009A816

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B009A817

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B009A818

Explanation: Output value error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B009A819

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730

B009A81A

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- FI00730
- AJDG301

B009A81B

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
- FI00730

B009A81C

Explanation: Output value error in vertical Licensed Internal Code.

Failing Item:

- FI00730

B009A81E

Explanation: Output value error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B009A81F

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- FI00730

B009A822

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A824

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A826

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
 - FI00730
-

B009A827

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
 - FI00730
-

B009A829

Explanation: Output value error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A82A

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A82D

Explanation: Output value error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A82F

Explanation: Output value error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A830

Explanation: Procedure error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B009A831

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
 - FI00730
-

B009A832

Explanation: Output value error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A833

Explanation: Output value error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
 - FI00730
-

B009A834

Explanation: Output value error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A836

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- FI00730
-

B009A838

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
-

B009A839 • B009ACD5

B009A839

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
- FI00730

B009A83B

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
- FI00730

B009A840

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
- FI00730

B009A842

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
- FI00730

B009A844

Explanation: Output value error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B009AA06

Explanation: Output value error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B009AA07

Explanation: Output value error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B009AA11

Explanation: Number of stations greater than allowed in configuration.

Failing Item:

- UJE35
- AJDG301

B009AA12

Explanation: Not enough storage to process adapter command.

Failing Item:

- AJDG301

B009AA15

Explanation: Procedure error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
- FI00730

B009ACD0

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B009ACD1

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B009ACD4

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B009ACD5

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009ACD6

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009ACD7

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009ACD8

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B009AF0A

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
 - FI00730
-

B009AF0B

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
 - FI00730
-

B009FFFF

Explanation: User suspected communications problem.

Failing Item:

- USER

(B010) Reference codes

B0102651

Explanation: First call failed, retrying call; no CFI from modem.

Response: The remote answer timer expired without the server detecting either the rise of DSR or a Call Failure Indication from the modem. The system is trying the call again, up to the value of the Dial retry parameter of the controller description.

Failing Item:

- UJE34
 - UJA34
 - FI00704
 - FI00701
-

B0102652

Explanation: First call failed, retrying call; CFI AB from modem.

Response: After dialing the server detected a Call Failure INDICATION AB from the modem. The system is trying the call again, up to the face value of the Dial retry parameter of the controller description. CFI AB is sent from the modem if the modems abort timer expires after answer tone was detected and before the modem is ready for data transfer.

Failing Item:

- UJ0E3
 - FI00704
 - UJA35
-

B0102653

Explanation: First call failed, retrying call; CFI DE from modem.

Response: After dialing the server detected a Call Failure Indication DE from the modem. The system is trying the call again, up to the value of the Dial retry parameter of the controller description. CFI DE is sent from the modem if the modem failed to detect dial tone when expected or detected dial tone when another tone was expected. This can occur if the telephone cable is not plugged into the back of the modem.

Failing Item:

- UJ0E3
 - FI00704
-

B0102654

Explanation: First call failed, retrying call; CFI ET from modem.

Response: After dialing the server detected a Call Failure Indication ET from the modem. The system is trying the call again, up to the value of the Dial retry parameter of the controller description. CFI ET is sent from the modem if the modem detects a busy signal (engaged tone).

Failing Item:

- UJ0E3
 - UJA35
-

B0102656

Explanation: First call failed, retrying call; CFI NT from modem.

Response: After dialing the server detected a Call Failure Indication NT from the modem. The system is trying the call again, up to the value of the Dial retry parameter of the controller description. CFI NT is sent from the modem if the modems abort timer expires without detecting answer tone, is not detecting ring back, and had detected the expected dial tones. This situation could result from a person answering the telephone.

Failing Item:

- UJ0E3
 - FI00705
 - UJA35
-

B0102657

Explanation: First call failed, retrying call; CFI RT from modem.

Response: After dialing the server detected a Call Failure Indication RT from the modem. The system is trying the call again, up to the value of the Dial retry parameter of the controller description. CFI RT is sent from the modem if the modem does not detect the remote answer when the abort timer expired, the modem is still detecting ring back. This response is also sent if the modem ends a call because the ring counter reached its limit.

Failing Item:

- UJ0E3
 - UJA35
-

B0102660

B0104594 • B010500B

Explanation: Call failed, retrying call; Non-standard CFI from modem.

Response: After dialing the server detected a Call Failure Indication from the modem that was not recognized. The system is trying the call again, up to the value of the Dial retry parameter of the controller description.

Failing Item:

- UJ0E3
- FI00704

B0104594

Explanation: Wrong telephone number specified in system configuration.

Failing Item:

- UJA35
- AJDG301

B0105000

Explanation: Wrong command sent by vertical Licensed Internal Code.

Failing Item:

- AJDG301

B0105001

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B0105002

Explanation: Procedure error in vertical Licensed Internal Code.

Response: Procedure error in machine instructions.

Failing Item:

- UJE34
- AJDG301

B0105003

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
- UJA34

B0105004

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301

B0105005

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B0105006

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B0105007

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
- UJA34

B0105009

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301

B010500A

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B010500B

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
-

B010500C

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
-

B010500D

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
 - UJA34
-

B010500E

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
-

B010500F

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
-

B0105010

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
-

B0105011

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
-

B0105012

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
-

B0105013

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
-

B0105014

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
-

B0105015

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
-

B0105016

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
-

B0105017

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
-

B0105018

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
-

B0105019

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
-

B010501A

Explanation: Vertical LIC did not request enough storage.

Failing Item:

B010501C • B01050E5

- AJDG301

B010501C

Explanation: Command value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730

B010501D

Explanation: Clear-to-send not active to allow data to be sent.

Failing Item:

- FI00704
- AJDG301
- FI00701
- FI00730
- FI00719

B010501E

Explanation: Command value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730

B010501F

Explanation: Command value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730

B0105022

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B0105023

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
- UJA34

B0105024

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- AJDG301
- FI00730

B0105025

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- AJDG301
- FI00730

B01050E0

Explanation: Wrong or no external communications cable installed.

Failing Item:

- UJA34
- FI00701
- FI00719

B01050E1

Explanation: Communications line already in use.

Failing Item:

- AJDG301
- UJA34

B01050E3

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
- UJA34

B01050E4

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
- UJA34

B01050E5

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
- UJA34

B01050E6

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
- UJA34
- FI00730

B01050E7

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
- UJA34
- FI00730

B01050E8

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301

B01050E9

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
- UJA34

B01050EB

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
- UJA34

B01050EC

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301

B01050ED

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301

B01050EE

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301

B01050EF

Explanation: Wrong number of dial digits in telephone number.

Failing Item:

- UJA35
- FI00703
- FI00719
- FI00702

B01050F0

Explanation: No telephone number provided for the call command.

Failing Item:

- AJDG301
- UJA35

B01050F1

Explanation: Communications line not installed.

Response:

Failing Item:

- AJDG301
- FI00719
- UJA34

B01050F2

Explanation: Automatic call unit cable not installed.

Response:

Failing Item:

- FI00702
 - UJA34
 - FI00719
-

B01050F4

Explanation: Clear-to-send signal dropped warning; information only.

Failing Item:

- UJE34

B01050F5

Explanation: Network uncontrolled-not-ready warning; information only.

Failing Item:

- UJE34

B01050F6

Explanation: Network controlled-not-ready warning; information only.

Failing Item:

- UJE34

B01050F7

Explanation: Data-set-ready changed to not active; for information only.

Failing Item:

- UJE34

B01050F8

Explanation: Adapter card transmit error.

Response:

Failing Item:

- FI00719

B0105202

Explanation: I/O card Licensed Internal Code ended abnormally.

Failing Item:

- FI00730

B0105203

Explanation: I/O card Licensed Internal Code resource not available.

Failing Item:

- FI00730

B0105205

Explanation: I/O card Licensed Internal Code response not correct.

Failing Item:

- FI00730
- AJDG301

B0105206

Explanation: Communications controller storage not available.

Failing Item:

- UJA33

B0105207

Explanation: Communications controller storage not available.

Failing Item:

- UJA33

B0105208

Explanation: I/O card Licensed Internal Code ended abnormally.

Failing Item:

- FI00730

B0105209

Explanation: I/O card Licensed Internal Code response not correct.

Failing Item:

- FI00730

B01052E0

Explanation: Incorrect command used by I/O card Licensed Internal Code.

Failing Item:

- FI00730

B01052E1

Explanation: Wrong procedure used in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B01052E2

Explanation: I/O card Licensed Internal Code resource not available.

Failing Item:

- UJA33
 - UJA34
-

B01052E3

Explanation: Command response error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B01052E4

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
 - UJA34
-

B01052E5

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
-

B01052E6

Explanation: Data-line-occupied already active from automatic call unit.

Failing Item:

- FI00703
 - UJA32
 - FI00719
 - FI00702
-

B01052E7

Explanation: X.21 network not in the ready or receive-data state.

Failing Item:

- FI00704
 - FI00701
 - FI00719
-

B01052E8

Explanation: Command value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B01052E9

Explanation: Command value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B01052EA

Explanation: I/O card Licensed Internal Code error.

Failing Item:

- FI00730
-

B0105301

Explanation: Adapter card receive error.

Failing Item:

- FI00719
-

B0105302

Explanation: Adapter card transmit error.

Failing Item:

- FI00719
-

B0105401

Explanation: Communications adapter card interrupt not expected.

Failing Item:

- FI00719
 - FI00718
-

B01054E1

Explanation: Communications line not operational.

Failing Item:

- FI00719
 - UJA34
-

B0105600

Explanation: Clear-to-send off; error limit per 256 reached.

Failing Item:

- FI00704

B0105601 • B010560B

- AJDG301
- UJA34
- FI00701
- FI00719

B0105601

Explanation: Data-set-ready state changed; error limit per 256 reached.

Failing Item:

- FI00704
- UJA34
- FI00701
- FI00719

B0105602

Explanation: Clear-to-send state changed; error limit per 256 reached.

Failing Item:

- FI00704
- UJA34
- FI00701
- FI00719

B0105603

Explanation: Carrier-detect state changed; error limit per 256 reached.

Failing Item:

- FI00704
- FI00705
- UJA34
- FI00701
- FI00719
- UJ0E3

B0105604

Explanation: Call attempted; error limit per 256 reached.

Failing Item:

- FI00705
- UJ0E3
- FI00703
- UJA34

B0105605

Explanation: Call completed with error; error limit per 256 reached.

Failing Item:

- UJ0E3
- UJA34

B0105606

Explanation: Data-line-occupied error; error limit per 256 reached.

Failing Item:

- FI00703
- FI00719
- UJA34
- FI00702

B0105607

Explanation: Abandon-call-retry error; error limit per 256 reached.

Failing Item:

- UJA35
- FI00703
- UJA34
- FI00705
- UJ0E3

B0105608

Explanation: Present-next-digit error; error limit per 256 reached.

Failing Item:

- FI00703
- UJA34
- FI00719
- FI00702

B0105609

Explanation: Distant-station-connected error; error limit per 256 reached.

Failing Item:

- UJA34
- FI00705
- FI00700
- FI00703
- FI00719
- FI00702

B010560B

Explanation: Data-set-ready error; error limit per 256 reached.

Failing Item:

- UJA34

- FI00705
- FI00700
- FI00701
- FI00719
- FI00704

B010560C

Explanation: Wrong number length; error limit per 256 reached.

Failing Item:

- UJA35
- FI00703
- UJA34

B0105651

Explanation: Call failed, no Call Failure Indication from modem.

Response: The remote answer timer expired without the server detecting either the rise of DSR or a Call Failure Indication from the modem. The system has reached the number of tries in the dial retry parameter in the controller description.

Failing Item:

- UJE34
- UJA34
- FI00704
- FI00701

B01056E2

Explanation: Data-set-ready already active on modem interface.

Failing Item:

- FI00704
- FI00701
- FI00719

B01056E3

Explanation: Automatic call unit data-line-occupied error.

Failing Item:

- FI00703
- FI00702
- FI00719
- UJ0E3

B01056E4

Explanation: Automatic call unit has present-next-digit error.

Failing Item:

- FI00703
- FI00719
- FI00702

B01056E5

Explanation: Automatic call unit distant-station-connected error.

Failing Item:

- FI00700
- UJA34
- UJA35
- FI00703
- FI00701
- FI00719
- UJ0E3

B01056E6

Explanation: Data-set-ready error on modem interface.

Failing Item:

- FI00700
- UJ0E3
- UJA34
- FI00701
- FI00719

B01056E7

Explanation: Automatic call unit command error.

Failing Item:

- FI00701
- FI00704
- FI00719

B01056E8

Explanation: Clear-to-send not active on modem interface.

Failing Item:

- UJ0E3
- UJA34
- FI00704
- FI00701
- FI00719

B01056E9

Explanation: Clear-to-send signal failed to drop on modem interface.

Failing Item:

- FI00704
- FI00701
- FI00719

B01056EA

Explanation: Clear-to-send signal dropped on modem interface.

Failing Item:

- UJ0E3
- UJA34
- FI00704
- FI00701
- FI00719

B01056EB

Explanation: Carrier-detect dropped on modem interface.

Failing Item:

- FI00701
- FI00704
- UJ0E3
- FI00719

B01056EC

Explanation: Data-set-ready turn-off time-out on modem interface.

Failing Item:

- FI00704
- UJA34
- FI00701
- FI00719

B01056ED

Explanation: Data-set-ready turn-on time-out on modem interface.

Failing Item:

- FI00701
- FI00704
- FI00719
- AJDG301

B01056EE

Explanation: Automatic call unit abandon-call-retry error.

Failing Item:

- FI00700
- UJA35
- FI00703
- FI00719
- FI00702

B01056EF

Explanation: Automatic call unit telephone-number-length error.

Failing Item:

- UJA35
- FI00703
- FI00701

B01056F0

Explanation: Automatic call unit power turned off.

Failing Item:

- FI00703
- FI00702
- FI00719

B01056F1

Explanation: Data-set-ready dropped on modem interface.

Failing Item:

- FI00701
- FI00704
- FI00719
- UJ0E3

B0105701

Explanation: SDLC frame reject type W transmitted.

Failing Item:

- FI00700
- UJA34

B0105702

Explanation: SDLC frame reject type X transmitted.

Failing Item:

- FI00700
- FI00730
- UJA34

B0105703

Explanation: SDLC frame reject type Y transmitted.

Failing Item:

- UJA34
 - FI00700
-

B0105704

Explanation: SDLC frame reject type Z transmitted.

Failing Item:

- FI00730
 - FI00700
 - UJA34
-

B0105705

Explanation: SDLC frame reject type W received from remote equipment.

Failing Item:

- FI00730
 - FI00700
-

B0105706

Explanation: SDLC frame reject type X received from remote equipment.

Failing Item:

- FI00730
 - FI00700
-

B0105707

Explanation: SDLC frame reject type Y received from remote equipment.

Failing Item:

- FI00730
 - FI00700
 - UJA34
-

B0105708

Explanation: SDLC frame reject type Z received from remote equipment.

Failing Item:

- FI00730
 - FI00700
 - UJA34
-

B0105709

Explanation: Not valid control field received from remote equipment.

Failing Item:

- UJA34
 - FI00700
-

B010570A

Explanation: Incorrect information field received from remote equipment.

Failing Item:

- FI00700
-

B010570B

Explanation: Incorrect frame reject received from remote equipment.

Failing Item:

- FI00700
-

B010570C

Explanation: Wrong sequence number received from remote equipment.

Failing Item:

- FI00700
 - UJA34
-

B010570D

Explanation: Wrong response received from remote equipment.

Failing Item:

- FI00700
-

B010570E

Explanation: Wrong command received from remote equipment.

Failing Item:

- FI00700
-

B010570F

Explanation: No data in information frame received from remote equipment.

Failing Item:

- FI00700
-

B0105710

Explanation: Nonproductive receive time-out while receiving from remote.

Failing Item:

- UJA34
- UJ0E3
- FI00704
- FI00705
- FI00700
- FI00701
- FI00719

B0105711

Explanation: Remote equipment sent more data frames than allowed.

Failing Item:

- UJA34
- FI00700

B0105712

Explanation: No data received from remote equipment; time-out.

Failing Item:

- UJA34
- AJDG301
- UJ0E3
- FI00704
- FI00705
- FI00700
- UJA35
- FI00701
- FI00719

B0105713

Explanation: Disconnected mode response received from remote system.

Failing Item:

- FI00700
- FI00730

B0105714

Explanation: Disconnected mode response received from remote system.

Failing Item:

- FI00700

B0105715

Explanation: Remote equipment did not respond causing an idle-time-out.

Failing Item:

- UJA34
- UJ0E3
- FI00701
- FI00704
- FI00705
- FI00700
- FI00719

B0105716

Explanation: Communications controller storage not available.

Failing Item:

- FI00730

B0105717

Explanation: No response from modem during modem test.

Failing Item:

- FI00704
- FI00701
- FI00719
- AJDG301

B0105718

Explanation: Retry limit reached for sending frames to remote equipment.

Failing Item:

- UJ0E3
- FI00704
- FI00705
- FI00700
- UJA34
- FI00701
- FI00719

B0105719

Explanation: Retry limit reached for sending frames to remote equipment.

Failing Item:

- FI00700
-

B010571A

Explanation: Retry limit reached for sending frames to remote equipment.

Failing Item:

- UJA34
 - AJDG301
 - UJ0E3
 - FI00704
 - FI00705
 - FI00700
 - FI00701
 - FI00719
 - UJA35
-

B0105720

Explanation: Retry limit reached for sending poll frame to remote.

Failing Item:

- FI00700
 - UJA34
-

B0105721

Explanation: Could not send frame to remote equipment; local problem.

Failing Item:

- FI00701
 - UJA34
 - FI00704
 - FI00730
 - FI00719
-

B0105722

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
 - UJA35
-

B0105723

Explanation: Wrong response received from remote equipment.

Failing Item:

- FI00700
 - UJA34
-

B0105724

Explanation: Retry limit reached for sending frames to remote equipment.

Failing Item:

- UJ0E3
 - FI00704
 - FI00705
 - FI00700
 - UJA34
 - FI00701
 - FI00719
-

B0105750

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
 - FI00730
-

B0105751

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
 - FI00730
-

B0105752

Explanation: Wrong response received from remote equipment.

Failing Item:

- FI00700
 - UJA35
-

B0105753

Explanation: Wrong response received from remote equipment.

Failing Item:

- FI00700
 - FI00730
-

B0105754

Explanation: Wrong response received from remote equipment.

Failing Item:

- FI00700
 - UJA35
-

B0105755 • B0105776

- UJA34

B0105755

Explanation: Wrong response received from remote equipment.

Failing Item:

- FI00700
- UJA35

B0105756

Explanation: Wrong response received from remote equipment.

Failing Item:

- FI00700
- UJA35

B0105757

Explanation: Wrong response received from remote equipment.

Failing Item:

- FI00700
- FI00730

B0105758

Explanation: Wrong response received from remote equipment.

Failing Item:

- FI00700
- FI00730
- UJA34
- AJDG301

B0105759

Explanation: Wrong response received from remote equipment.

Failing Item:

- UJA34
- FI00700

B0105760

Explanation: Nonproductive receive time-out while receiving from remote.

Failing Item:

- FI00700
- UJ0E3
- UJA34

B0105762

Explanation: No data received from remote equipment; time-out.

Failing Item:

- FI00700
- UJ0E3
- UJA34

B0105764

Explanation: Adapter card transmit error.

Failing Item:

- FI00701
- FI00704
- FI00719
- FI00730

B0105768

Explanation: Communications line clear.

Failing Item:

- UJ0E3
- FI00700
- UJA34

B010576A

Explanation: Wrong response received from remote equipment.

Failing Item:

- FI00700
- UJ0E3
- UJA34

B0105770

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
- FI00730

B0105776

Explanation: Wrong response received from remote equipment.

Failing Item:

- FI00700
- FI00730

B0105778

Explanation: Wrong response received from remote equipment.

Failing Item:

- FI00700
 - FI00730
-

B010577A

Explanation: Wrong response received from remote equipment.

Failing Item:

- FI00700
 - FI00730
-

B010577C

Explanation: Wrong response received from remote equipment.

Failing Item:

- UJA34
 - FI00700
 - UJA35
 - FI00730
 - AJDG301
-

B010577E

Explanation: Wrong command received from remote equipment.

Failing Item:

- FI00700
 - FI00730
-

B0105780

Explanation: Maximum retries reached on XID polls after answer.

Failing Item:

- UJ0E3
 - UJA34
 - FI00719
 - FI00704
-

B0105782

Explanation: Connection cleared after answer after XID exchange.

Failing Item:

- UJE39
 - UJA34
-

- UJA33
 - UJA35
-

B0105784

Explanation: Call cleared after answer; session reset.

Response: Call cleared after answer, reset while link disconnected.

Failing Item:

- UJE34
 - UJE39
-

B01057E0

Explanation: Frame-check-sequence error; error limit per 256 reached.

Failing Item:

- UJ0E3
 - FI00705
 - FI00704
 - UJA34
-

B01057E1

Explanation: Overrun error; error limit per 256 reached.

Failing Item:

- UJA34
-

B01057E2

Explanation: Short frame error; error limit per 256 reached.

Failing Item:

- UJ0E3
 - FI00700
 - FI00705
 - FI00704
 - UJA34
-

B01057E3

Explanation: Frame-cancel-received error; error limit per 256 reached.

Failing Item:

- UJ0E3
 - FI00700
 - FI00705
 - FI00704
 - UJA34
-

B01057E4

Explanation: Idle link detected error; error limit per 256 reached.

Failing Item:

- UJA34
- FI00700
- UJ0E3
- FI00705
- FI00704

B01057F0

Explanation: Send sequence counter error; error limit per 256 reached.

Failing Item:

- UJ0E3
- FI00700
- FI00705
- FI00704
- UJA34

B01057F1

Explanation: Receive sequence counter error; error limit per 256 reached.

Failing Item:

- FI00704
- FI00700
- UJ0E3
- FI00705
- UJA34

B01057F2

Explanation: Response time-out error; error limit per 256 reached.

Failing Item:

- FI00700
- UJA34
- UJ0E3
- FI00704
- FI00705

B0105800

Explanation: Control-not-ready time-out; error limit per 256 reached.

Failing Item:

- FI00704
- AJDG301
- UJA34

B0105801

Explanation: Uncontrolled-not-ready time-out; error limit per 256 reached.

Failing Item:

- AJDG301
- FI00704
- UJA34
- FI00701

B0105802

Explanation: State-not-known time-out error; error limit per 256 reached.

Failing Item:

- AJDG301
- FI00704
- UJA34
- FI00701
- FI00719

B0105803

Explanation: Control-not-ready state changed; error limit per 256 reached.

Failing Item:

- FI00704
- UJA34

B0105804

Explanation: Not-ready state changed; error limit per 256 reached.

Failing Item:

- FI00704
- UJA34
- FI00701

B0105805

Explanation: State-not-known changed; error limit per 256 reached.

Failing Item:

- FI00704
 - UJA34
 - FI00701
 - FI00719
-

B0105806

Explanation: State interrupt overrun error; error limit per 256 reached.

Failing Item:

- FI00730
 - UJA34
 - FI00704
 - UJ0E3
-

B0105807

Explanation: Not valid data; error limit per 256 reached.

Failing Item:

- FI00704
 - UJA34
-

B0105808

Explanation: Data-communications-equipment error; limit per 256 reached.

Failing Item:

- FI00704
 - FI00705
 - UJA34
 - UJ0E3
-

B0105809

Explanation: Control-not-ready in data mode; error limit per 256 reached.

Failing Item:

- UJA34
 - FI00705
 - FI00700
 - UJ0E3
 - FI00704
-

B010580A

Explanation: Incoming call received during outgoing call; limit reached.

Failing Item:

- UJA34
 - UJE34
-

B010580B

Explanation: Missed incoming call; error limit per 256 reached.

Failing Item:

- UJA33
 - UJA34
 - FI00730
-

B010580C

Explanation: Clear was missed; error limit per 256 reached.

Failing Item:

- UJA33
 - UJA34
 - FI00730
-

B010580D

Explanation: Parity error; error limit per 256 reached.

Failing Item:

- FI00704
 - FI00701
 - UJA34
 - FI00719
-

B010580E

Explanation: Receive overrun; error limit per 256 reached.

Failing Item:

- FI00719
 - UJA34
-

B010580F

Explanation: Temporary storage overrun; error limit per 256 reached.

Failing Item:

- FI00730
 - UJA34
-

B0105810

Explanation: Network type 1 time-out; error limit per 256 reached.

Failing Item:

- AJDG301
 - FI00704
 - UJA34
 - FI00701
 - FI00719
-

B0105811

Explanation: Network type 2 time-out; error limit per 256 reached.

Failing Item:

- UJA34
- AJDG301
- FI00704
- FI00705
- UJ0E3

B0105812

Explanation: Network type 3A time-out; error limit per 256 reached.

Failing Item:

- UJA34
- AJDG301
- FI00704
- FI00705
- UJ0E3

B0105813

Explanation: Network type 3B time-out; error limit per 256 reached.

Failing Item:

- UJA34
- AJDG301
- FI00704
- FI00705
- UJ0E3

B0105814

Explanation: Network type 4A time-out; error limit per 256 reached.

Failing Item:

- FI00704
- AJDG301
- UJA34

B0105815

Explanation: Network type 4B time-out; error limit per 256 reached.

Failing Item:

- UJA34
- AJDG301
- FI00704
- FI00705
- UJ0E3

B0105816

Explanation: Network type 5 time-out; error limit per 256 reached.

Failing Item:

- FI00704
- AJDG301
- UJA34

B0105817

Explanation: Network type 6 time-out; error limit per 256 reached.

Failing Item:

- FI00704
- AJDG301
- UJA34

B0105818

Explanation: Network type 7 time-out; error limit per 256 reached.

Failing Item:

- FI00704
- AJDG301
- UJA34

B0105819

Explanation: Network type 20 time-out; error limit per 256 reached.

Failing Item:

- AJDG301
- FI00704
- UJA34
- FI00701
- FI00719

B010581A

Explanation: Network type 21 time-out; error limit per 256 reached.

Failing Item:

- FI00704
- AJDG301
- UJA34

B010581B

Explanation: Call-progress-signal type 00; error limit per 256 reached.

Failing Item:

- UJA34
- UJE34

B010581C

Explanation: Call-progress-signal type 01; error limit per 256 reached.

Failing Item:

- UJA34
- UJE34

B010581D

Explanation: Call-progress-signal type 02; error limit per 256 reached.

Failing Item:

- UJA34
- UJE34

B010581E

Explanation: Call-progress-signal type 03; error limit per 256 reached.

Failing Item:

- UJA34
- UJE34

B010581F

Explanation: Call-progress-signal type 04; error limit per 256 reached.

Failing Item:

- UJA34
- UJE34

B0105820

Explanation: Call-progress-signal type 05; error limit per 256 reached.

Failing Item:

- UJA34
- UJE34

B0105821

Explanation: Call-progress-signal type 20; error limit per 256 reached.

Failing Item:

- UJA34
- UJA35
- FI00700
- FI00705
- UJ0E3

B0105822

Explanation: Call-progress-signal type 21; error limit per 256 reached.

Failing Item:

- FI00700
- UJA34
- UJE34
- UJA35

B0105823

Explanation: Call-progress-signal type 22; error limit per 256 reached.

Failing Item:

- UJA35
- FI00704
- UJA34

B0105824

Explanation: Call-progress-signal type 23; error limit per 256 reached.

Failing Item:

- FI00701
- FI00704
- FI00719
- UJA34

B0105825

Explanation: Call-progress-signal type 41; error limit per 256 reached.

Failing Item:

- UJA35
- UJE34
- UJA34
- UJ0E3

B0105826

Explanation: Call-progress-signal type 42; error limit per 256 reached.

Failing Item:

- UJA35
- UJA34

B0105827

Explanation: Call-progress-signal type 43; error limit per 256 reached.

Failing Item:

B0105828 • B0105832

- UJA34
- UJA35
- FI00704
- FI00705
- UJ0E3

B0105828

Explanation: Call-progress-signal type 44; error limit per 256 reached.

Failing Item:

- FI00705
- FI00700
- UJA35
- UJA34

B0105829

Explanation: Call-progress-signal type 45; error limit per 256 reached.

Failing Item:

- UJA35
- FI00700
- UJA34
- FI00705

B010582A

Explanation: Call-progress-signal type 46; error limit per 256 reached.

Failing Item:

- UJA35
- FI00700
- FI00705
- UJA34

B010582B

Explanation: Call-progress-signal type 47; error limit per 256 reached.

Failing Item:

- FI00705
- UJA34
- UJA35

B010582C

Explanation: Call-progress-signal type 48; error limit per 256 reached.

Failing Item:

- UJE34
- UJA35

- UJA34
- FI00704

B010582D

Explanation: Call-progress-signal type 49; error limit per 256 reached.

Failing Item:

- UJ0E3
- UJA34

B010582E

Explanation: Call-progress-signal type 51; error limit per 256 reached.

Failing Item:

- FI00704
- FI00705
- UJ0E3
- UJA34

B010582F

Explanation: Call-progress-signal type 52; error limit per 256 reached.

Failing Item:

- UJE34
- UJA35
- UJA34
- FI00705

B0105830

Explanation: Call-progress-signal type 61; error limit per 256 reached.

Failing Item:

- UJ0E3
- UJA34

B0105831

Explanation: Call-progress-signal type 71; error limit per 256 reached.

Failing Item:

- UJ0E3
- UJA34

B0105832

Explanation: Call-progress-signal type 72; error limit per 256 reached.

Failing Item:

- UJ0E3

- UJA35
- UJA34

B0105833

Explanation: Call-progress-signal; error limit per 256 reached.

Failing Item:

- AJDG301
- UJA34

B0105836

Explanation: Call cleared by network equipment.

Failing Item:

- UJ0E3
- FI00705
- FI00704
- FI00700

B0105837

Explanation: Network-controlled not-ready state; information only.

Failing Item:

- UJ0E3

B0105838

Explanation: I/O card Licensed Internal Code processed wrong command.

Failing Item:

- FI00730
- AJDG301

B0105839

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301

B010583A

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- UJA34

B010583B

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- FI00730

B010583C

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301

B010583D

Explanation: I/O card Licensed Internal Code processed wrong command.

Failing Item:

- FI00730

B010583E

Explanation: I/O card Licensed Internal Code processed wrong command.

Failing Item:

- FI00730

B010583F

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301

B0105840

Explanation: I/O card Licensed Internal Code used incorrect procedure.

Failing Item:

- UJA33
- FI00730

B0105841

Explanation: I/O card Licensed Internal Code used incorrect procedure.

Failing Item:

- UJA33
- FI00730

B0105842

Explanation: I/O card Licensed Internal Code used incorrect procedure.

Failing Item:

- FI00730

B0105843

Explanation: Communications overrun while receiving network data.

Failing Item:

- UJA33
- FI00730
- FI00719
- FI00704

B0105844

Explanation: Communications adapter error while receiving network data.

Response:

Failing Item:

- FI00719

B0105845

Explanation: Communications adapter transmit error on selection sequence.

Failing Item:

- FI00719

B0105846

Explanation: Communications adapter received network data incorrectly.

Failing Item:

- UJ0E3
- FI00701
- FI00719

B0105847

Explanation: Communications controller storage not available.

Failing Item:

- FI00730
- UJ0E3

B0105849

Explanation: Wrong information provided by network.

Failing Item:

- UJ0E3

B010584A

Explanation: Automatic answer time-out.

Failing Item:

- UJA34
- UJ0E3
- FI00704
- FI00705

B010584B

Explanation: Call error; incoming call received during outgoing call.

Failing Item:

- UJE34
- UJA34
- FI00730
- FI00719
- FI00704

B0105851

Explanation: Network did not leave controlled-not-ready condition.

Failing Item:

- UJ0E3
- FI00704
- AJDG301

B0105852

Explanation: Network did not leave uncontrolled-not-ready condition.

Failing Item:

- UJ0E3
- FI00704
- FI00701
- AJDG301

B0105853

Explanation: Network remained in unknown condition.

Failing Item:

- AJDG301
- FI00704

- FI00701
- FI00719

B0105854

Explanation: Network time-out type 5 occurred.

Failing Item:

- FI00704
- AJDG301

B0105855

Explanation: Network time-out type 6 occurred.

Failing Item:

- FI00704
- AJDG301

B0105870

Explanation: Network time-out type 1 occurred.

Failing Item:

- AJDG301
- FI00704
- FI00701
- FI00719

B0105871

Explanation: Network time-out type 2 occurred.

Failing Item:

- UJ0E3
- FI00704
- FI00705
- AJDG301

B0105872

Explanation: Network time-out type 3A occurred.

Failing Item:

- UJ0E3
- FI00704
- FI00705
- AJDG301

B0105873

Explanation: Network time-out type 3B occurred.

Failing Item:

- UJ0E3
- FI00704
- FI00705
- UJA35

- AJDG301

B0105874

Explanation: Network time-out type 4A occurred.

Failing Item:

- FI00704
- AJDG301

B0105875

Explanation: Network time-out type 4B occurred.

Failing Item:

- UJ0E3
- FI00704
- AJDG301

B0105876

Explanation: Network time-out type 7 occurred.

Failing Item:

- FI00704
- AJDG301

B0105877

Explanation: Network time-out type 20 occurred.

Failing Item:

- AJDG301
- FI00704
- FI00701
- FI00719

B0105878

Explanation: Network time-out type 21 occurred.

Failing Item:

- FI00704
- AJDG301

B010587A

Explanation: Call cleared by network equipment.

Failing Item:

- FI00704
 - UJ0E3
 - FI00705
-

B010587B

Explanation: Clock signal missing from external communications interface.

Failing Item:

- FI00701
- FI00719
- FI00704

B0105890

Explanation: Network call-progress-signal type 20.

Failing Item:

- FI00700
- FI00705
- UJ0E3
- UJA35

B0105891

Explanation: Network call-progress-signal type 21.

Failing Item:

- FI00700
- UJA35
- UJE34

B0105892

Explanation: Network call-progress-signal type 22.

Failing Item:

- FI00700
- FI00704
- UJA35

B0105893

Explanation: Network call-progress-signal type 23.

Failing Item:

- FI00704
- FI00701
- FI00719

B0105894

Explanation: Network call-progress-signal type 41.

Failing Item:

- FI00700
- UJE34
- UJ0E3
- UJA35

B0105895

Explanation: Network call-progress-signal type 42.

Failing Item:

- FI00700
- UJA35

B0105896

Explanation: Network call-progress-signal type 43.

Failing Item:

- UJ0E3
- FI00700
- FI00704
- FI00705
- UJA35

B0105897

Explanation: Network call-progress-signal type 44.

Failing Item:

- FI00700
- FI00705
- UJA35

B0105898

Explanation: Network call-progress-signal type 45.

Failing Item:

- FI00700
- FI00705
- UJA35

B0105899

Explanation: Network call-progress-signal type 46.

Failing Item:

- FI00700
- FI00705
- UJA35

B010589A

Explanation: Network call-progress-signal type 47.

Failing Item:

- FI00700
 - UJ0E3
 - UJA35
 - FI00705
-

B010589B

Explanation: Network call-progress-signal type 48.

Failing Item:

- UJE34
 - FI00700
 - FI00704
 - UJA35
-

B010589C

Explanation: Network call-progress-signal type 49.

Failing Item:

- UJ0E3
-

B010589D

Explanation: Network call-progress-signal type 51.

Failing Item:

- FI00704
 - UJ0E3
 - FI00705
-

B010589E

Explanation: Network call-progress-signal type 52.

Failing Item:

- UJE34
 - FI00700
 - FI00705
 - UJA35
-

B010589F

Explanation: Network call-progress-signal type 61.

Failing Item:

- UJ0E3
-

B01058A0

Explanation: Network call-progress-signal type 71.

Failing Item:

- UJ0E3
-

B01058A1

Explanation: Network call-progress-signal type 72.

Failing Item:

- UJ0E3
-

B01058E0

Explanation: Communications line not operational.

Failing Item:

- FI00719
 - UJA34
-

B01058E1

Explanation: Communications connection not made.

Failing Item:

- UJA33
 - FI00730
-

B01058E2

Explanation: Communications line not operational.

Failing Item:

- FI00704
 - FI00701
 - FI00719
 - FI00730
-

B01058E4

Explanation: Port or DCE error has recovered; port now available.

Response: This reference code does not identify an error but is used to report that an X.21 port used in a short-hold mode, multiple port sharing configuration that was temporarily not operating is now available. One of the following reference codes may have been reported previously:

- 5870
- 5871
- 5872
- 5873
- 5893
- 5851
- 5852
- 5853
- 587B

If any of the listed reference codes are occurring frequently and are causing performance problems, use the reported reference code to isolate the problem.

Failing Item:

- UJE34
-

B0108011 • B010FFFF

B0108011

Explanation: IOP Activation failed.

Response: MDMCNTRYID parameter in Network Attributes is not set. Use the CHGNETA command to set MDMCNTRYID value.

Failing Item:

- UJE34
-

B0108013

Explanation: IOP Activation failed.

Response: The MDMCNTRYID parameter in Network Attributes is not valid for this adapter. Use the CHGNETA command to change MDMCNTRYID.

Failing Item:

- UJE34
-

B0108020

Explanation: System log entry only, no service action required .

B010FFFF

Explanation: User suspected communications problem.

Failing Item:

- USER

(B011) Reference codes

B0116240

Explanation: I/O processor detected a NetBIOS Device Driver error. OS/400 portion of LAN SERVER/400 configuration error.

Problem determination: Work with the configuration to resolve the error before working the failing item list.

Failing Item:

- AJDG301
-

B0116241

Explanation: I/O processor detected a NetBIOS Device Driver error. OS/400 portion of LAN SERVER/400 configuration error.

Problem determination: Work with the configuration to resolve the error before working the failing item list.

Failing Item:

- AJDG301
-

B0116242

Explanation: I/O processor detected a NetBIOS Device Driver error. OS/400 portion of LAN SERVER/400 configuration error.

Problem determination: Work with the configuration to resolve the error before working the failing item list.

Failing Item:

- AJDG301
-

B0116243

Explanation: I/O processor detected a NetBIOS Device Driver error. OS/400 portion of LAN SERVER/400 configuration error.

Problem determination: Work with the configuration to resolve the error before working the failing item list.

Failing Item:

- AJDG301
-

B0116250

Explanation: I/O processor detected an Interconnect Device Driver error. OS/400 portion of LAN SERVER/400 configuration error.

Problem determination: Work with the configuration to resolve the error before working the failing item list.

Failing Item:

- AJDG301
-

B0116252

Explanation: I/O processor detected an Interconnect Device Driver error. OS/400 portion of LAN SERVER/400 configuration error.

Problem determination: Work with the configuration to resolve the error before working the failing item list.

Failing Item:

- AJDG301
-

B0116254

Explanation: I/O processor detected an Interconnect Device Driver error. OS/400 portion of LAN SERVER/400 configuration error.

Problem determination: Work with the configuration to resolve the error before working the failing item list.

Failing Item:

- AJDG301
-

(B012) Reference codes

B0126201

Explanation: I/O adapter hardware error detected.
PCI bridge error on 285A FSIOA card.

Failing Item:

- FI00719
- AJDGP01

B0126202

Explanation: I/O processor Licensed Internal Code error with PCI bridge on 285A FSIOA card.

Failing Item:

- AJDGP01
- FI00719

(B013) Reference codes

B0136601

Explanation: I/O adapter hardware error detected.

Failing Item:

- IOA
- PTFSRCH
- IOP

B0136602

Explanation: An I/O processor Licensed Internal Code error occurred.

Failing Item:

- PTFSRCH
- IOA
- IOP

B0136603

Explanation: Tampering of cryptographic card suspected.

Failing Item:

- IOA
- IOP
- PTFSRCH

B0136604

Explanation: Operating voltage or temperature range limits exceeded.

Response: Correct any conditions in the physical environment which might have caused the voltage or temperature out-of-range error on the 4758 adapter card. After you correct the conditions, vary off and then vary back on the 4758 device description associated with the 4758 adapter card.

Failing Item:

- CARDTMP

B0136611

Explanation: I/O adapter hardware error detected.

Failing Item:

- IOA
- PTFSRCH

B0136613

Explanation: Tampering of cryptographic card suspected.

Failing Item:

- IOA
- PTFSRCH

B0136614

Explanation: Operating voltage or temperature range limits exceeded.

Response: Correct any conditions in the physical environment which might have caused the voltage or temperature out-of-range error on the cryptographic adapter card. After you correct the conditions, vary off and then vary back on the device description associated with the cryptographic adapter card.

Failing Item:

- CARDTMP

B0136615

Explanation: Cryptographic adapter LIC not loaded or not valid.

Failing Item:

- CRYPTLP
- PTFSRCH
- IOA

B0136616

Explanation: System log entry only, no service action required.

B0136617

Explanation: Adapter monitoring circuitry has failed.

Failing Item:

- IOA
- PTFSRCH

B0136618

Explanation: Adapter monitoring circuitry has exceeded threshold.

Response: The adapter can be varied on and used, but should be replaced during the next scheduled maintenance of the system.

Failing Item:

- IOA

B0136619 • B0136621

- PTFSRCH

B0136619

Explanation: Cryptographic adapter LIC is down level.

Problem determination: The cryptographic adapter can not confirm that an optional method for processing cryptographic operations is currently available. This can be for 2 different reasons:

- The most current version of its licensed internal code is not installed on the system. The licensed internal code for the adapter does not ship with the system. For systems with Licensed Internal Code V5R4M5 or earlier, it is contained within the licensed program 5733-CY1 Cryptographic Device Manager. For systems with Licensed Internal Code V6R1M0 or V6R1M1 it is contained within the licensed program 5733-CY2 Cryptographic Device Manager, and for systems with Licensed Internal Code V7R1M0 or later it is contained within the licensed program 5733-CY3 Cryptographic Device Manager.
- The Function Control Vector, which is required to be loaded by the customer before performing any cryptographic operations, has not been loaded. Please refer to the "Loading a Function Control Vector" in the cryptographic topic in the Security section of the IBM i information center.

For both cases, the adapter is still available for use, but may not take advantage of performance enhancements found in a newer version of Cryptographic Device Manager.

Note: This event is logged for every vary on of the cryptographic card if one of the conditions above exist. It should be rare to see a V6R1 or later system without the upgraded version of the Cryptographic Device Manager. Also, when the product is announced, the customer will be instructed to load the code.

Failing Item:

- CRYPTLP
- PTFSRCH

B0136620

Explanation: Cryptographic adapter not operating at optimum performance.

Response: The cryptographic adapter will continue to run, but performance could be improved. Vary off the cryptographic adapter and then vary it on. The vary on may take up to 15 minutes. If the problem does not reccur, optimum performance has been restored. If the problem does reccur, contact your next level of support.

Failing Item:

- SVCDOCS

B0136621

Explanation: Approaching operating temperature range limit.

Problem determination: The cryptographic adapter card is still operating normally, but is approaching a temperature range limit. Check the ambient temperature and the intake temperature, and correct them if possible. Look for fan or other temperature related errors in the enclosure and fix them. If the temperature of the resource reaches the limit, the resource will shut down.

Failing Item:

- SVCDOCS

(B014) Reference codes

B0146661

Explanation: Negative-acknowledgment received.

B014B005

Explanation: Block-check error on data received.

Failing Item:

- UJ0E3
- UJB35
- FI00704
- FI00705
- FI00719
- UJE34

B014B010

Explanation: Clear-to-send signal dropped on modem interface.

Failing Item:

- FI00701
- FI00704
- FI00719
- AJDG301

B014B015

Explanation: Carrier-detect dropped on modem interface.

Failing Item:

- FI00701
- UJ0E3
- FI00704
- FI00705
- UJB35
- AJDG301
- FI00719

B014B020

Explanation: Clear-to-send signal did not come up in required time.

Failing Item:

- FI00701
- FI00704
- UJB35
- FI00719

- AJDG301

B014B025

Explanation: Clear-to-send signal did not drop in required time.

Failing Item:

- FI00701
- FI00704
- UJB35
- FI00719
- AJDG301

B014B030

Explanation: Remote equipment did not respond in time-out period.

Failing Item:

- UJ0E3
- FI00700
- UJB35
- FI00719
- FI00704
- AJDG301

B014B035

Explanation: Remote equipment did not respond in time-out period.

Failing Item:

- FI00700
- UJB35

B014B037

Explanation: Too many or too few synchronization characters.

Failing Item:

- UJ0E3
- FI00700
- UJB35
- FI00719
- FI00704
- AJDG301

B014B040

Explanation: Time-out; no data received.

B014B045 • B014B085

Failing Item:

- UJ0E3
- UJB35
- FI00701
- FI00719
- FI00704
- FI00700

B014B045

Explanation: Unexpected response to temporary-text-delay.

Failing Item:

- FI00700
- UJ0E3
- FI00719
- UJB35
- FI00704

B014B050

Explanation: Unexpected response to wait-acknowledge.

Failing Item:

- FI00700
- UJ0E3
- FI00719
- UJB35
- FI00704

B014B055

Explanation: Data loss because receive buffer full.

Failing Item:

- UJB35
- UJ0E3
- FI00719
- FI00704
- FI00700

B014B060

Explanation: No response to temporary-text-delay or wait-acknowledge.

Failing Item:

- UJ0E3
- UJB35
- FI00701
- FI00719
- FI00704
- FI00700

B014B065

Explanation: Protocol error.

Failing Item:

- UJB35
- FI00718
- FI00700
- FI00719
- FI00704

B014B070

Explanation: Clock signal missing from external communications interface.

Failing Item:

- FI00701
- FI00704
- FI00719

B014B072

Explanation: Clock signal missing from external communications interface.

Failing Item:

- FI00701
- FI00704
- FI00719

B014B075

Explanation: Communications IOP processed data received too slow.

Failing Item:

- UJP37
- UJB35
- FI00719
- UJ0E3

B014B085

Explanation: Data-set-ready dropped on modem interface.

Failing Item:

- FI00701
 - FI00704
 - FI00719
 - UJ0E3
 - AJDG301
-

B014B090

Explanation: Negative-acknowledgment received.

Failing Item:

- UJ0E3
- UJB35
- FI00719
- UJE34
- FI00704

B014B105

Explanation: Data not recognized.

Failing Item:

- UJ0E3
- FI00719
- UJB35
- FI00704

B014B110

Explanation: Remote system did not receive last acknowledgment sent.

Failing Item:

- UJ0E3
- UJB35
- FI00719
- FI00704

(B015) Reference codes

B015A555

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- FI00730
-

B015A5AA

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- FI00730
-

B015A5DD

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- FI00730
-

B015A5E1

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- FI00730
-

B015A5E2

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- FI00730
-

B015A5EE

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- FI00730
-

B015A5F1

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- FI00730
-

B015A5F2

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- FI00730
-

B015A5F3

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- FI00730
-

B015A5F5

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- FI00730
-

B015A5F7

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- FI00730
-

B015A5F9

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- FI00730
-

B015A5FA

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- FI00730
-

B015A5FC

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- FI00730
-

B015A800

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- UJE36
-

B015A802

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B015A803 • B015A847

B015A803

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B015A804

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B015A807

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
 - AJDG301
-

B015A814

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
 - FI00730
-

B015A820

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
-

B015A821

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B015A823

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B015A825

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
 - FI00730
-

B015A837

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
 - FI00730
-

B015A83C

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
-

B015A83D

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- FI00730
-

B015A845

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B015A846

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B015A847

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B015AA09

Explanation: Response from I/O card Licensed Internal Code not expected.

Failing Item:

- FI00730
-

B015AA10

Explanation: Number of stations greater than allowed in configuration.

Failing Item:

- UJE35
-

B015AA13

Explanation: Procedure error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B015AA16

Explanation: Procedure error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B015AA17

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- FI00730
-

B015AA18

Explanation: I/O card Licensed Internal Code failed.

Failing Item:

- FI00730
-

B015AF04

Explanation: Wrong response received from I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B015AF05

Explanation: Local area network adapter; remote station error.

Failing Item:

- UJE39

B015AF07

Explanation: Local area network adapter; remote station error.

Failing Item:

- UJE39
-

B015AF08

Explanation: Wrong response received from I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B015AF09

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
 - AJDG301
-

B015AFFF

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- FI00730
- UJE34

(B017) Reference codes

B0170001

Explanation: Low battery condition detected on IOA.

Failing Item:

- CRYPBAT
-

B0179001

Explanation: Information only, no service action required.

(B025) Reference codes

B025A000

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDGP01

B025A001

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B025A013

Explanation: Wrong configuration data given to Ethernet controller.

Failing Item:

- AJDG301

B025A01B

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B025A209

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B025A404

Explanation: Ethernet adapter card error.

Failing Item:

- IOA
- AJDGP01

B025A6D5

Explanation: Wrong configuration data given to Ethernet controller.

Failing Item:

- AJDG301

B025A6D6

Explanation: Wrong configuration data given to Ethernet controller.

Failing Item:

- AJDG301

B025A6D9

Explanation: Ethernet adapter card error.

Failing Item:

- IOA
- FI00722
- IOP

B025A6E3

Explanation: Ethernet adapter or network device cabling error.

Failing Item:

- FI00722
- UJE40
- IOA

B025A6F2

Explanation: Configured line speed not supported by network.

Failing Item:

- UJE35

B025A6F3

Explanation: Configuration of DUPLEX parameter not supported by network.

Failing Item:

- UJE35

B025A6F4

Explanation: Unable to establish a network link.

Failing Item:

- UJE35
- FI00722

B025A6F5

Explanation: A resource in an aggregate line started or stoped functioning. A message is written to QSYSOPR

B025A6F6 • B025B001

about that resource. This PAL is informational. No service action is required. However this event may be related to other problems reported with the adapter. No message is issued from the PAL processing of this event.

Problem determination: To determine the state change of the resource view the PAL entry hex data. Search for either the word "up" or "down" in the translated text on the right side of the screen.

- If "up" is found the resource started functioning.
- If "down" is found the resource stopped functioning.

B025A6F6

Explanation: I/O adapter Licensed Internal Code could not be updated. No service is required. This SRC is logged as informational.

B025A800

Explanation: MAXFRAME value in CRTLINETH command too large.

Failing Item:

- UJE35

B025A801

Explanation: Adapter does not support user-configured adapter address.

Failing Item:

- UJE35

B025B000

Explanation: System log entry only, no service action required.

B025B001

Explanation: Automatic recovery has been attempted on the ethernet port.

Response: This error is logged for information only. No service action is required.

(B026) Reference codes

B026A000

Explanation: I/O card Licensed Internal Code error.

Failing Item:

- FI00730

B026A001

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
- AJDG301

B026A002

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730

B026A003

Explanation: Procedure error in I/O card Licensed Internal Code.

Failing Item:

- FI00730

B026A013

Explanation: Address error on communications IOP card.

Failing Item:

- UJ9GC

B026A01B

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B026A01C

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
- FI00730

B026A01D

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B026A01F

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
- AJDG301

B026A020

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730

B026A022

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B026A027

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730

B026A028

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
- AJDG301

B026A02A

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

B026A02B • B026A210

- FI00730

B026A02B

Explanation: I/O card Licensed Internal Code error.

Failing Item:

- FI00730
- AJDG301

B026A02C

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
- AJDG301

B026A02D

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B026A030

Explanation: Procedure error in I/O card Licensed Internal Code.

Failing Item:

- FI00730

B026A201

Explanation: Communications adapter detected storage access error.

Failing Item:

- FI00730

B026A203

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B026A204

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B026A205

Explanation: Licensed Internal Code received not correct response.

Failing Item:

- FI00730

B026A206

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B026A209

Explanation: Procedure error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B026A20A

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B026A20B

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B026A20C

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
- AJDG301

B026A210

Explanation: Procedure error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B026A213

Explanation: I/O card Licensed Internal Code error.

Failing Item:

- FI00730
-

B026A300

Explanation: I/O Adapter hardware error detected.

Failing Item:

- IOA
 - IOP
-

B026A301

Explanation: I/O Adapter hardware error detected.

Failing Item:

- IOA
 - IOP
-

B026A302

Explanation: I/O Adapter hardware error detected.

Failing Item:

- IOA
 - IOP
-

B026A40B

Explanation: Address error on communications IOP card.

Failing Item:

- IOA
-

B026A6C2

Explanation: I/O card Licensed Internal Code error.

Failing Item:

- AJDG301
-

B026A6D4

Explanation: Procedure error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301
-

B026A6D5

Explanation: Input value error in I/O card Licensed Internal Code.

Failing Item:

- AJDG301

B026A6D6

Explanation: Adapter card detected not valid data.

Failing Item:

- AJDG301
-

B026A6D7

Explanation: Adapter card detected not valid data.

Failing Item:

- FI00730
-

B026A710

Explanation: I/O Adapter hardware error detected.

Failing Item:

- IOA
-

B026FFFF

Explanation: User suspected communications problem.

Failing Item:

- USER

(B028) Reference codes

B0281200

Explanation: Communications controller task ended abnormally; type 1.

Failing Item:

- FI00730

B0281201

Explanation: Communications controller task ended abnormally; type 2.

Failing Item:

- FI00730

B0281202

Explanation: Communications controller task ended abnormally; type 3.

Failing Item:

- FI00730

B0281701

Explanation: Disconnect mode frame received.

Failing Item:

- UJ0E9

B0281702

Explanation: Disconnect mode frame received during link activation.

Failing Item:

- UJ0E3

B0281703

Explanation: Disconnect mode frame received when transmitting information.

Failing Item:

- UJ0E3
- FI00730

B0281704

Explanation: Frame reject type W received.

Failing Item:

- FI00730
- UJ0E3

B0281705

Explanation: Frame reject type X received.

Failing Item:

- FI00730
- UJ0E3

B0281706

Explanation: Frame reject type Y received.

Failing Item:

- FI00730
- UJJ35

B0281707

Explanation: Frame reject type Z received.

Failing Item:

- FI00730
- UJ0E3

B0281708

Explanation: Frame reject type W sent.

Failing Item:

- UJ0E3
- FI00730

B0281709

Explanation: Frame reject type X sent.

Failing Item:

- UJ0E3
- FI00730

B028170A

Explanation: Frame reject type Y sent.

Failing Item:

- UJJ35
- UJ0E3

B028170B

Explanation: Frame reject type Z sent.

Failing Item:

- FI00730
- UJ0E3

B028170C

Explanation: Frame retry limit reached.

Failing Item:

- UJ0E9
- FI00701
- FI00704
- UJJ35

B028170D

Explanation: Set-asynchronous-balance-mode frame received in data mode.

Failing Item:

- FI00730
- UJ0E3

B028170E

Explanation: Wrong response received from remote equipment.

Failing Item:

- UJJ35
- UJ0E3
- FI00700

B0282651

Explanation: First call failed, retrying call; no CFI from modem.

Failing Item:

- UJE34
- UJJ35
- FI00704
- FI00701

B0282652

Explanation: First call failed, retrying call; CFI AB from modem.

Failing Item:

- UJ0E3
- FI00704
- UJA35

B0282653

Explanation: First call failed, retrying call; CFI DE from modem.

Failing Item:

- UJ0E3
- FI00704

B0282654

Explanation: First call failed, retrying call; CFI ET from modem.

Failing Item:

- UJ0E3
- UJA35

B0282656

Explanation: First call failed, retrying call; CFI NT from modem.

Failing Item:

- UJ0E3
- FI00705
- UJA35

B0282657

Explanation: First call failed, retrying call; CFI RT from modem.

Failing Item:

- UJ0E3
- UJA35

B0282660

Explanation: Call failed, retrying call; Non-standard CFI from modem.

Failing Item:

- UJ0E3
- FI00704

B028450A

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301

B0284590

Explanation: Wrong telephone number specified in system configuration.

Failing Item:

- UJA35
- FI00751

B0284592

Explanation: No number specified in controller description.

Failing Item:

- UJA35
- FI00751

B0284594

Explanation: Wrong telephone number specified in system configuration.

Failing Item:

- UJA35
- FI00751

B0285000

Explanation: Wrong command received by communications controller.

Failing Item:

- FI00751

B0285002

Explanation: Wrong procedure followed by I/O card Licensed Internal Code.

Failing Item:

- FI00751

B0285008

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- UJE34

B0285009

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00751

B028500B

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00751

B028500C

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00751

B028500D

Explanation: Wrong data length received by communications controller.

Failing Item:

- FI00751
- UJJ35

B028500E

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00751

B028500F

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00751

B0285010

Explanation: Wrong reset option received by communications controller.

Failing Item:

- FI00751
- FI00730

B0285011

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00751
- FI00730

B0285012

Explanation: Wrong session ID received by communications controller.

Failing Item:

- FI00751
- FI00730

B0285014

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00751
- FI00730

B0285015

Explanation: Communications line already in use.

Failing Item:

- FI00751
- FI00730

B0285016

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00751
- FI00730

B0285017

Explanation: Wrong storage value received; communications controller.

Failing Item:

- FI00751
- FI00730

B0285018

Explanation: Wrong trace type received by communications controller.

Failing Item:

- FI00751
- FI00730

B0285019

Explanation: Wrong trace length received by communications controller.

Failing Item:

- FI00751
- FI00730

B028501A

Explanation: Communications controller temporary storage area too small.

Failing Item:

- FI00751

B028501B

Explanation: Wrong ID length value sent by vertical LIC.

Failing Item:

- FI00751

B028501C

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00730

B028501E

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00730

B028501F

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00730

B0285022

Explanation: Port already in use.

Failing Item:

- FI00751
- FI00730

B0285023

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- FI00751

B0285024

Explanation: DTE/DCE role negotiation not valid for leased line.

Failing Item:

- FI00751

B02850E0

Explanation: Wrong or no external communications cable installed.

Failing Item:

- UJJ35
- FI00701
- IOA

B02850E1

Explanation: Port already in use.

Failing Item:

- UJJ35
 - FI00730
-

B02850E3

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
 - UJJ35
-

B02850E4

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
-

B02850E5

Explanation: Wrong adapter type value sent by Vertical LIC.

Failing Item:

- FI00751
 - UJJ35
-

B02850E6

Explanation: Wrong slot number value sent by Vertical LIC.

Failing Item:

- FI00751
 - UJJ35
-

B02850E7

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- UJJ35
 - FI00751
-

B02850E8

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
-

B02850E9

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
-

B02850EC

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
-

B02850ED

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
-

B02850EE

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
-

B02850F1

Explanation: Communications adapter card not installed.

Failing Item:

- AJDG301
 - UJJ35
 - IOA
-

B02850F2

Explanation: V.25 adapter not installed.

Failing Item:

- UJJ35
 - FI00702
 - IOA
-

B02850F5

Explanation: Network uncontrolled-not-ready warning; information only.

Failing Item:

- UJE34
-

B02850F6

Explanation: Network controlled-not-ready warning; information only.

Failing Item:

- UJE34

B02850F7

Explanation: Data-set-ready changed to not active; for information only.

Failing Item:

- UJE34

B0285203

Explanation: I/O card Licensed Internal Code resource not available.

Failing Item:

- FI00730

B0285206

Explanation: Communications controller storage not available.

Failing Item:

- FI00730

B02852E0

Explanation: Incorrect command used by I/O card Licensed Internal Code.

Failing Item:

- FI00730

B02852E1

Explanation: Wrong procedure followed by I/O card Licensed Internal Code.

Failing Item:

- FI00730

B02852E2

Explanation: I/O card Licensed Internal Code resource not available.

Failing Item:

- FI00730
- UJJ35

B02852E3

Explanation: Wrong response sent by I/O card Licensed Internal Code.

Failing Item:

- FI00730

B02852E4

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301

B02852E5

Explanation: Wrong command value received by communications IOP.

Failing Item:

- FI00730

B02852E7

Explanation: X.21 network not in the ready or receive-data state.

Failing Item:

- FI00704
- IOA
- FI00701

B02852E8

Explanation: Error when releasing communications controller storage.

Failing Item:

- FI00730

B02852E9

Explanation: Error when assigning communications controller storage.

Failing Item:

- FI00730

B02852EA

Explanation: I/O card Licensed Internal Code error.

Failing Item:

- FI00730
-

B0285301

Explanation: Adapter card receive error.

Failing Item:

- IOA
-

B0285302

Explanation: Adapter card transmit error.

Failing Item:

- IOA
-

B0285401

Explanation: Communications IOP interrupt not expected.

Failing Item:

- IOA
-

B0285410

Explanation: Data-set-ready error on modem interface.

Failing Item:

- FI00704
 - FI00702
 - IOA
-

B0285472

Explanation: Data-line-occupied initially 'on' error.

Failing Item:

- FI00702
 - FI00703
 - UJ0E3
 - IOA
-

B0285474

Explanation: Automatic call unit has data-line-occupied error.

Failing Item:

- FI00702
 - FI00703
 - UJ0E3
 - IOA
-

B0285476

Explanation: Automatic call unit has present-next-digit error.

Failing Item:

- FI00703
-

- FI00702
 - IOA
-

B02854E1

Explanation: Port not operational.

Failing Item:

- IOA
 - UJJ35
-

B0285600

Explanation: Clear-to-send off; error limit per 256 reached.

Failing Item:

- FI00704
-

B0285601

Explanation: Data-set-ready state changed; error limit per 256 reached.

Failing Item:

- FI00704
-

B0285602

Explanation: Clear-to-send state changed; error limit per 256 reached.

Failing Item:

- FI00704
-

B0285603

Explanation: Carrier-detect state changed; error limit per 256 reached.

Failing Item:

- FI00701
 - FI00704
 - FI00705
 - UJ0E3
-

B028560B

Explanation: Data-set-ready error; error limit per 256 reached.

Failing Item:

- FI00701
 - FI00704
 - UJ0E3
 - FI00705
-

B0285630

Explanation: Automatic call unit has distant-station-connected error.

Failing Item:

- FI00700
- UJ0E3
- UJJ35
- FI00701
- IOA

B0285632

Explanation: Automatic call unit has data-set-ready error.

Failing Item:

- FI00700
- UJJ35
- UJA35
- FI00703
- FI00701
- IOA
- UJ0E3

B0285651

Explanation: Call failed, no Call Failure Indication from modem.

Failing Item:

- UJE34
- UJJ35
- FI00704
- FI00701

B02856E8

Explanation: Clear-to-send not active on modem interface.

Failing Item:

- UJ0E3
- FI00704
- UJJ35
- FI00701
- IOA

B02856E9

Explanation: Clear-to-send signal failed to drop on modem interface.

Failing Item:

- FI00704
- IOA

- FI00701
- AJDG301

B02856EA

Explanation: Clear-to-send signal dropped on modem interface.

Failing Item:

- UJ0E3
- FI00704
- UJJ35
- IOA
- FI00701

B02856EB

Explanation: Carrier-detect dropped on modem interface.

Failing Item:

- FI00701
- FI00704
- FI00705
- UJ0E3
- IOA

B02856EC

Explanation: Data-set-ready signal turn-off time-out.

Failing Item:

- FI00704
- UJJ35
- FI00701
- IOA

B02856ED

Explanation: Data-set-ready signal turn-on time-out.

Failing Item:

- FI00704
- IOA
- FI00701
- AJDG301

B02856F1

Explanation: Data-set-ready dropped on modem interface.

Failing Item:

- FI00704
- FI00705
- UJ0E3
- FI00701

- IOA

B0285718

Explanation: SABM response or UA command received.

Failing Item:

- UJJ35
- UJ0E3

B0285719

Explanation: Protocol mismatch during link initialization.

Failing Item:

- UJA35
- FI00700
- UJ0E3

B0285721

Explanation: Could not send frame to remote equipment; local problem.

Failing Item:

- FI00704
- AJDG301
- FI00701
- IOA

B02857E0

Explanation: Frame check error; error limit per 256 reached.

Failing Item:

- UJ0E3
- FI00705
- FI00704

B02857E1

Explanation: Overrun error; error limit per 256 reached.

Failing Item:

- UJJ35
- FI00751

B02857E2

Explanation: Short frame error; error limit per 256 reached.

Failing Item:

- FI00700
- FI00751

- FI00705
- FI00704
- UJ0E3

B02857E3

Explanation: Abnormal end received; error limit per 256 reached.

Failing Item:

- FI00751
- FI00700
- FI00705
- FI00704
- UJ0E3

B02857E4

Explanation: Underrun threshold error; limit per 256 reached.

Failing Item:

- IOA

B02857E5

Explanation: Long frame; error limit per 256 reached.

Failing Item:

- UJJ35
- FI00751
- FI00700

B02857F0

Explanation: Send sequence counter error; error limit per 256 reached.

Failing Item:

- FI00751
- FI00701
- FI00704
- UJ0E3

B02857F1

Explanation: Receive sequence counter error; error limit per 256 reached.

Failing Item:

- FI00751
- FI00700

B02857F2

Explanation: Response time-out error; error limit per 256 reached.

Failing Item:

- FI00700
- UJ0E3
- FI00751
- FI00704
- UJJ35
- FI00705
- AJDG301

B0285886

Explanation: Automatic call unit switched link time-out; no answer.

Failing Item:

- FI00703
- IOA
- FI00702
- UJ0E3

B0285E01

Explanation: Call error; incoming call received during outgoing call.

Failing Item:

- UJ0E3

B0286320

Explanation: Automatic call unit has abandon-call attempt.

Failing Item:

- FI00700
- UJA35
- FI00703
- IOA
- FI00702

B0286322

Explanation: Abandon call retry error; incorrect number length.

Failing Item:

- UJA35
- FI00703

B0286870

Explanation: Automatic call unit power turned off.

Failing Item:

- FI00703
- FI00702
- IOA

B0288011

Explanation: IOP Activation failed.

Response: The MDMCNTRYID parameter in Network Attributes is not set. Use the CHGNETA command to set MDMCNTRYID.

Failing Item:

- UJE34

B0288013

Explanation: IOP Activation failed.

Response: The MDMCNTRYID parameter in Network Attributes is not valid for this adapter. Use the CHGNETA command to change the MDMCNTRYID value.

Failing Item:

- UJE34

B0288020

Explanation: User suspected communications problem.

B028DA00

Explanation: The I/O card LIC detected an internal error.

Failing Item:

- FI00730

B028DA01

Explanation: The I/O card LIC detected an internal error.

Failing Item:

- FI00730
- IOA

B028FFFF

Explanation: User suspected communications problem.

Failing Item:

- USER

(B038) Reference codes

B0387000

Explanation: Vertical Licensed Internal Code sent an incorrect command.

Failing Item:

- FI00751
 - FI00730
-

B0387002

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0387004

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
 - FI00730
-

B0387006

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0387008

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B038700C

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
 - FI00730
-

B038700F

Explanation: Communications controller storage not available.

Failing Item:

- FI00751
 - FI00730
-

B0387010

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
 - FI00730
-

B0387012

Explanation: I/O card LIC followed incorrect procedure.

Failing Item:

- FI00730
-

B0387014

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
 - FI00730
-

B0387018

Explanation: Configuration exceeds allowed maximum for X.25 lines.

Failing Item:

- UJJ39
-

B038701A

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
 - FI00730
-

B038701C

Explanation: Wrong command value sent by IBM i

B038701E • B0387054

Operating System licensed program.

Failing Item:

- AJDG301
- FI00730

B038701E

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- UJJ36
- FI00730

B0387020

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B0387024

Explanation: No logical link available for packet network.

Failing Item:

- UJE38
- FI00751

B0387028

Explanation: No outgoing or two-way logical link available.

Failing Item:

- UJE38
- FI00751

B038702C

Explanation: Remote station not connected.

Response: This reference code usually identifies a condition that is due to a timing problem that will be recovered.

Failing Item:

- UJJ37
- FI00751

B0387030

Explanation: Logical link already disconnected.

Response: This reference code usually identifies a condition that is due to a timing problem that will be recovered.

Failing Item:

- UJJ37
- FI00751

B0387048

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B0387049

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B038704A

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B038704C

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B0387050

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
- FI00730

B0387054

Explanation: Vertical Licensed Internal Code sent wrong password length.

Failing Item:

- FI00751
- FI00730

B0387056

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0387058

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B038705C

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0387064

Explanation: Vertical Licensed Internal Code sent wrong data length.

Failing Item:

- FI00751
 - FI00730
-

B038707C

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
-

B0387080

Explanation: Vertical Licensed Internal Code sent an incorrect command.

Failing Item:

- FI00751
 - FI00730
-

B0387084

Explanation: Number of user requests more than maximum allowed.

Failing Item:

- FI00751

- FI00730
-

B0387090

Explanation: I/O card LIC followed incorrect procedure.

Failing Item:

- FI00751
 - FI00730
-

B0387092

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- UJJ38
 - FI00751
 - FI00730
-

B0387094

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B038728C

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00730
-

B03872F0

Explanation: I/O card Licensed Internal Code ended abnormally.

Failing Item:

- FI00730
-

B03872F2

Explanation: I/O card Licensed Internal Code stopped because of error.

Failing Item:

- FI00730
-

B0387718

Explanation: Network procedure error detected by I/O card lic int code.

Failing Item:

- UJJ36

B0387740 • B03877A6

- UJ0E2

B0387740

Explanation: Remote system sent disconnect command.

Failing Item:

- UJ0E2

B0387744

Explanation: Remote system sent disconnect mode frame.

Failing Item:

- UJ0E2

B0387768

Explanation: Remote system did not respond to command sent.

Failing Item:

- UJJ36
- UJ0E2

B038776C

Explanation: Remote system did not respond to command sent.

Failing Item:

- UJ0E2
- UJJ36

B0387770

Explanation: Remote system did not respond to disconnect command.

Failing Item:

- UJJ36
- UJ0E2

B0387774

Explanation: Remote system did not verify receiving data.

Failing Item:

- UJJ36
- UJ0E2

B0387788

Explanation: Call rejected; wrong value from remote system.

Failing Item:

- UJ0E6

- UJJ37

B0387794

Explanation: Expected password not provided by remote system.

Failing Item:

- UJ0E2

B0387798

Explanation: Remote system did not respond to test command.

Failing Item:

- UJ0E2
- UJJ36

B03877A0

Explanation: Checksum error; error limit per 256 reached.

Failing Item:

- UJ0E2
- UJ0E9
- FI00730

B03877A2

Explanation: Bad data sent; error limit per 256 reached.

Failing Item:

- UJ0E9

B03877A4

Explanation: Bad data received; error limit per 256 reached.

Failing Item:

- UJ0E9
- UJJ35

B03877A6

Explanation: Remote system not ready; error limit per 256 reached.

Failing Item:

- UJ0E2
- UJ0E9
- UJJ35

B0387800

Explanation: Vertical Licensed Internal Code sent an incorrect command.

Failing Item:

- FI00751
 - FI00730
-

B0387802

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0387804

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
 - FI00730
-

B0387806

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0387808

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B038780C

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
-

B0387810

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
-

- FI00730
-

B0387812

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- FI00751
-

B0387820

Explanation: Too many logical channels defined.

Failing Item:

- UJJ36
 - FI00730
-

B0387824

Explanation: Outgoing and two-way logical channel not available.

Response: This reference code usually identifies a condition that is due to a timing problem that will be recovered.

Failing Item:

- UJJ37
 - FI00751
 - FI00730
-

B0387828

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B038782C

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
 - FI00730
-

B0387840

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- AJDG301
 - FI00730
-

B0387842

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- AJDG301
- FI00730

B0387844

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- AJDG301
- FI00730

B0387846

Explanation: Communications controller storage not available.

Failing Item:

- FI00751
- FI00730

B038784C

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B038784D

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B038784E

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B0387850

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B0387854

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B0387857

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- AJDG301
- FI00730

B0387858

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B038785A

Explanation: Application sent invalid Q/M bit request sequence.

Failing Item:

- UJ0E6
- AJDG301
- FI00730

B038785C

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B0387860

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- UJJ38

B0387864

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- UJJ38
 - FI00751
 - FI00730
-

B0387868

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B038786C

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0387870

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0387872

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
 - FI00730
-

B0387874

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0387876

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
 - FI00730
-

B0387878

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B038787A

Explanation: PLC/HDLC DTE/DCE mode configured not valid.

Failing Item:

- FI00751
 - FI00730
-

B038787C

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
 - FI00730
-

B0387884

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- FI00751
 - FI00730
-

B0387888

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- FI00751
 - FI00730
-

B038788C

Explanation: Vertical LIC sent commands in wrong order.

Response: This reference code usually identifies a

B0387894 • B0387F1C

condition that is due to a timing problem that will be recovered.

Failing Item:

- UJJ37
- FI00751
- IOA
- FI00701

B0387894

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- FI00751
- FI00730

B0387898

Explanation: Vertical LIC sent commands in wrong order.

Failing Item:

- FI00751
- FI00730

B03878A0

Explanation: No incoming call available to be processed.

Response: This reference code usually identifies a condition that is due to a timing problem that will be recovered.

Failing Item:

- UJJ37
- FI00730

B03878A4

Explanation: I/O card Licensed Internal Code used incorrect value.

Failing Item:

- FI00751
- FI00730

B03878A6

Explanation: Vertical LIC sent incorrect command values.

Failing Item:

- FI00751
- FI00730

B0387A90

Explanation: I/O card Licensed Internal Code used incorrect value.

Failing Item:

- FI00730

B0387AF0

Explanation: I/O card Licensed Internal Code stopped because of error.

Failing Item:

- FI00730

B0387AF4

Explanation: I/O card Licensed Internal Code stopped because of error.

Failing Item:

- FI00751
- FI00730

B0387F14

Explanation: Reset packet received.

Failing Item:

- UJ0E9
- UJ0E2
- UJJ36
- UJJ35

B0387F18

Explanation: Clear packet received.

Failing Item:

- UJ0E9
- UJJ39
- UJ0E2
- UJJ36
- FI00751

B0387F1C

Explanation: X.25 restart packet received.

Failing Item:

- UJ0E9
- UJJ36

B0387F30

Explanation: X.25 reset request packet sent.

Failing Item:

- UJJ36
 - UJ0E9
-

B0387F34

Explanation: X.25 clear request packet sent.

Failing Item:

- UJJ36
 - UJ0E9
-

B0387F35

Explanation: X.25 clear packet sent, packet size negotiation failed.

Failing Item:

- UJ0E9
 - UJJ35
-

B0387F36

Explanation: X.25 clear packet sent, window size negotiation failed.

Failing Item:

- UJ0E9
 - UJJ35
-

B0387F38

Explanation: X.25 restart request packet sent.

Failing Item:

- UJ0E9
 - UJJ36
-

B0387F3A

Explanation: X.32 restart negotiation failed.

Failing Item:

- UJ0E9
 - UJJ39
-

B0387F3C

Explanation: Time-out on restart packet.

Failing Item:

- UJ0E9
-

B0387F40

Explanation: Time-out on reset packet.

Failing Item:

- UJ0E9
 - UJJ36
-

B0387F44

Explanation: Time-out on call packet.

Failing Item:

- UJ0E9
 - UJJ36
-

B0387F48

Explanation: Time-out on clear packet.

Failing Item:

- UJ0E9
 - UJJ36
-

B0387F80

Explanation: Packet network used wrong procedures.

Failing Item:

- UJ0E9
 - UJA36
-

B0387FA8

Explanation: Received packet to help diagnosis.

Failing Item:

- UJ0E9
 - FI00730
-

B0387FB0

Explanation: Restart packet sent; error limit per 256 reached.

Failing Item:

- UJ0E9
-

B0387FB1

Explanation: Reset packet received; error limit per 256 reached.

Failing Item:

- UJ0E9
 - UJ0E2
 - UJJ36
 - UJJ35
-

(B040) Reference codes

B040501C

Explanation: Command value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B040501E

Explanation: Command value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B04050E0

Explanation: Wrong or no external communications cable installed.

Failing Item:

- UJA34
 - FI00701
 - IOA
-

B04050E1

Explanation: Communications line already in use.

Failing Item:

- AJDG301
 - UJA34
-

B04050E3

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
 - UJA34
-

B04050E4

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
 - UJA34
-

B04050E5

Explanation: Incorrect command value sent by vertical lic int code.

Failing Item:

- AJDG301
 - UJA34
-

B04050E6

Explanation: Incorrect command value sent by vertical lic int code.

Failing Item:

- AJDG301
 - UJA34
 - FI00730
-

B04050E7

Explanation: Incorrect command value sent by vertical lic int code.

Failing Item:

- AJDG301
 - UJA34
 - FI00730
-

B04050E8

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
-

B04050E9

Explanation: Incorrect command value sent by vertical lic int code.

Failing Item:

- AJDG301
 - UJA34
-

B04050EB

Explanation: Incorrect command value sent by vertical lic int code.

Failing Item:

- AJDG301
 - UJA34
-

B04050EC

B04050ED • B04052E8

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
-

B04050ED

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
-

B04050EE

Explanation: Incorrect command value sent by vertical lic int code.

Failing Item:

- AJDG301
-

B04050F1

Explanation: Communications line not installed.

Failing Item:

- AJDG301
 - UJA34
 - IOA
-

B04050F5

Explanation: Network uncontrolled-not-ready warning; information only.

Failing Item:

- UJA34
-

B04050F6

Explanation: Network controlled-not-ready warning; information only.

Failing Item:

- UJA34
-

B04050F8

Explanation: Adapter card transmit error.

Failing Item:

- IOA
 - FI00704
-

B0405203

Explanation: I/O card Licensed Internal Code resource not available.

Failing Item:

- FI00730
-

B04052E0

Explanation: Incorrect command used by I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B04052E1

Explanation: Wrong procedure used in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B04052E2

Explanation: I/O card Licensed Internal Code resource not available.

Failing Item:

- UJA33
 - UJA34
-

B04052E4

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJDG301
 - UJA34
-

B04052E7

Explanation: X.21 network not in the ready or receive-data state.

Failing Item:

- FI00704
 - UJ0E3
 - FI00701
 - IOA
-

B04052E8

Explanation: Command value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B04052E9

Explanation: Command value error in I/O card Licensed Internal Code.

Failing Item:

- FI00730
-

B04052EA

Explanation: I/O card Licensed Internal Code error.

Failing Item:

- FI00730
-

B0405301

Explanation: Adapter card receive error.

Failing Item:

- FI00730
 - IOA
-

B0405302

Explanation: Adapter card transmit error.

Failing Item:

- FI00730
 - IOA
-

B0405401

Explanation: Communications adapter card interrupt not expected.

Failing Item:

- FI00730
 - IOA
-

B04054E1

Explanation: Communications line not operational.

Failing Item:

- IOA
 - UJA34
-

B04056E8

Explanation: Clear-to-send not active on modem interface.

Failing Item:

- UJ0E3
 - UJA34
 - FI00704
 - FI00701
 - IOA
-

B04056E9

Explanation: Clear-to-send signal failed to drop on modem interface.

Failing Item:

- FI00704
 - FI00701
 - IOA
-

B04056EA

Explanation: Clear-to-send signal dropped on modem interface.

Failing Item:

- UJ0E3
 - FI00704
 - UJA34
 - IOA
 - FI00701
-

B04056ED

Explanation: Data-set-ready turn-on time-out on modem interface.

Failing Item:

- FI00701
 - FI00704
 - IOA
 - AJDG301
-

B04056F1

Explanation: Data-set-ready dropped on modem interface.

Failing Item:

- FI00704
 - FI00701
 - UJ0E3
 - IOA
-

B040A000

Explanation: Input value error in communications IOP LIC.

Failing Item:

- FI00730
-

B040A001

Explanation: Input value error in communications IOP LIC.

Failing Item:

B040A002 • B040A210

- FI00730
- AJDG301

B040A002

Explanation: Input value error in communications IOP LIC.

Failing Item:

- FI00730

B040A003

Explanation: Input value error in communications IOP LIC.

Failing Item:

- AJDG301

B040A00E

Explanation: Procedure error in Vertical LIC.

Failing Item:

- AJDG301

B040A016

Explanation: Input value error in communications IOP LIC.

Failing Item:

- AJDG301
- FI00730

B040A01B

Explanation: Input value error in communications IOP LIC.

Failing Item:

- AJDG301

B040A01C

Explanation: Input value error in communications IOP LIC.

Failing Item:

- AJDG301

B040A01D

Explanation: Input value error in communications IOP LIC.

Failing Item:

- AJDG301

B040A02D

Explanation: Input value error in communications IOP LIC.

Failing Item:

- AJDG301
- FI00730

B040A201

Explanation: Frame Relay IOP storage not available.

Failing Item:

- FI00730

B040A204

Explanation: Input value error in communications IOP LIC.

Failing Item:

- AJDG301

B040A205

Explanation: Communications IOP LIC unexpected reponse.

Failing Item:

- AJDG301

B040A209

Explanation: Input value error in communications IOP LIC.

Failing Item:

- AJDG301

B040A20A

Explanation: Input value error in communications IOP LIC.

Failing Item:

- AJDG301

B040A20B

Explanation: Input value error in communications IOP LIC.

Failing Item:

- AJDG301

B040A210

Explanation: Communication adapter card error.

Failing Item:

- FI00701

- IOA

B040A213

Explanation: Severe error detected by communications IOP LIC.

Failing Item:

- FI00730
-

B040A800

Explanation: Network not responding.

Failing Item:

- UJ0E3
 - FI00730
-

B040A801

Explanation: Too many frames with bad receive sequence counts.

Failing Item:

- UJ0E3
 - FI00730
-

B040A807

Explanation: Network not responding.

Failing Item:

- UJ0E3
-

B040AB00

Explanation: Incorrect config data for Frame Relay LIC.

Failing Item:

- AJDG301
-

B040AB01

Explanation: Incorrect config data for Frame Relay LIC.

Failing Item:

- AJDG301
-

B040AB02

Explanation: Incorrect config data for Frame Relay LIC.

Failing Item:

- AJDG301

B040FFFF

Explanation: User perceived problem.

Failing Item:

- USER

(B057) Reference codes

B0570010

Explanation: iSCSI initiator requested unknown storage target node.

Failing Item:

- AJDG301
-

B0570011

Explanation: iSCSI Login failure.

B0570012

Explanation: iSCSI Login failure.

B0570013

Explanation: iSCSI Login failure.

B0570014

Explanation: iSCSI Login failure.

B0570015

Explanation: iSCSI Login failure.

B0570016

Explanation: iSCSI Login failure.

B0570020

Explanation: CHAP authentication failure.

B0571040

Explanation: iSCSI Login failure.

Failing Item:

- HBATARG
 - HBAINIT
 - ROUTER
-

B0571041

Explanation: iSCSI Login failure.

Failing Item:

- HBATARG
- HBAINIT

(B070) Reference codes

B0700000

Explanation: Device no response time-out; temporary error.

Failing Item:

- FI00601
- FI00602
- FI00610

B0700001

Explanation: WS IOP detected error when transmitting data.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00602
- FI00601
- UY1Z1
- UY1Z3
- FI00610
- FI00615

B0700003

Explanation: WS IOP detected parity error from device.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00602
- FI00601
- UY1Z1
- FI00610

B0700004

Explanation: Device detected parity error from WS IOP.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00602
- FI00601
- UY1Z1
- FI00610

B0700005

Explanation: WS IOP detected error when transmitting data.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00602
- FI00601
- UY1Z3
- FI00610
- FI00615

B0700006

Explanation: WS IOP detected wrong data from device.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00601
- FI00602
- UY1Z3
- FI00610

B0700007 • B0700026

B0700007

Explanation: WS IOP detected wrong address from device.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00601
- UY1Z3
- UY1Z1
- FI00610

B0700008

Explanation: WS IOP detected device power turned off, and then on.

Failing Item:

- TWSIP01
- UY1Z5
- FI00601

B0700009

Explanation: WS IOP detected wrong device response to start command.

Failing Item:

- TWSIP01
- FI00601
- FI00610

B0700020

Explanation: Device detected wrong command or device ID from WS IOP.

Failing Item:

- TWSIP01
- FI00601
- AJLYD01
- FI00610

B0700021

Explanation: Device detected not valid value from WS IOP.

Failing Item:

- TWSIP01
- FI00601
- AJLYD01

- FI00610

B0700022

Explanation: Device detected storage or data overrun.

Failing Item:

- TWSIP01
- FI00601
- AJLYD01
- FI00610

B0700023

Explanation: Device detected null or attribute exception error .

Failing Item:

- TWSIP01
- FI00601
- FI00610

B0700024

Explanation: Device detected wrong start command from WS IOP.

Failing Item:

- TWSIP01
- FI00601
- AJLYD01
- FI00610

B0700025

Explanation: WS IOP detected wrong exception response from device.

Failing Item:

- TWSIP01
- FI00601
- FI00610

B0700026

Explanation: WS IOP detected not valid pass-through command.

Failing Item:

- TWSIP01
- UY1Z4
- FI00610

B0700049

Explanation: WS IOP detected wrong request or response from device.

Failing Item:

- TWSIP01
- FI00601
- FI00610

B0700082

Explanation: WS IOP detected wrong device type from device.

Failing Item:

- TWSIP01
- FI00601

B0700090

Explanation: WS IOP detected no status change from device.

Failing Item:

- TWSIP01
- FI00601
- FI00610

B0700091

Explanation: WS IOP detected busy time-out from device.

Failing Item:

- TWSIP01
- FI00601
- FI00610

B0700100

Explanation: Device no response time-out; temporary error.

Failing Item:

- FI00601
- FI00602
- FI00610

B0700101

Explanation: WS IOP detected error when transmitting data.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00602
- FI00601
- UY1Z1
- UY1Z3
- FI00610
- FI00615

B0700103

Explanation: WS IOP detected parity error from device.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00602
- FI00601
- UY1Z1
- FI00610

B0700104

Explanation: Device detected parity error from WS IOP.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00602
- FI00601
- UY1Z1
- FI00610

B0700105

Explanation: WS IOP detected error when transmitting data.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

B0700106 • B0700122

No: Perform TWSIP01.

Failing Item:

- FI00602
- FI00601
- UY1Z3
- FI00610
- FI00615

B0700106

Explanation: WS IOP detected wrong data from device.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00601
- FI00602
- UY1Z3
- FI00610

B0700107

Explanation: WS IOP detected wrong address from device.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00601
- UY1Z3
- UY1Z1
- FI00610

B0700108

Explanation: WS IOP detected device power turned off, and then on.

Failing Item:

- TWSIP01
- UY1Z5
- FI00601

B0700109

Explanation: WS IOP detected wrong device response to start command.

Failing Item:

- TWSIP01
- FI00601
- FI00610

B0700111

Explanation: WS IOP detected wrong keyboard scan code from display.

Failing Item:

- TWSIP01
- FI00601
- AJLYD01
- FI00610

B0700120

Explanation: Device detected wrong command or device ID from WS IOP.

Failing Item:

- TWSIP01
- FI00601
- AJLYD01
- FI00610

B0700121

Explanation: Device detected not valid value from WS IOP.

Failing Item:

- TWSIP01
- FI00601
- AJLYD01
- FI00610

B0700122

Explanation: Device detected storage or data overrun.

Failing Item:

- TWSIP01
- FI00601
- AJLYD01
- FI00610

B0700123

Explanation: Device detected null or attribute exception error .

Failing Item:

- TWSIP01
 - FI00601
 - FI00610
-

B0700124

Explanation: Device detected wrong start command from WS IOP.

Failing Item:

- TWSIP01
 - FI00601
 - AJLYD01
 - FI00610
-

B0700125

Explanation: WS IOP detected wrong exception response from device.

Failing Item:

- TWSIP01
 - FI00601
 - FI00610
-

B0700126

Explanation: WS IOP detected not valid pass-through command.

Failing Item:

- TWSIP01
 - UY1Z4
 - FI00610
-

B0700149

Explanation: WS IOP detected wrong request or response from device.

Failing Item:

- TWSIP01
 - FI00601
 - FI00610
-

B0700170

Explanation: WS IOP detected error downloading printer definition table.

Failing Item:

- AJDG301
-

- FI00601
-

B0700171

Explanation: WS IOP detected error downloading printer definition table.

Failing Item:

- FI00601
 - AJLYD01
-

B0700172

Explanation: WS IOP detected error downloading printer definition table.

Failing Item:

- UX201
 - AJDG301
 - FI00601
-

B0700173

Explanation: WS IOP detected error downloading printer definition table.

Failing Item:

- UX201
 - FI00601
-

B0700174

Explanation: WS IOP detected error unloading printer definition table.

Failing Item:

- FI00601
 - AJLYD01
-

B0700175

Explanation: WS IOP detected device configuration error.

Failing Item:

- FI00601
 - AJLYD01
-

B0700176

Explanation: WS IOP detected error downloading LIC to device.

Failing Item:

- UX202
 - FI00601
-

B0700177

Explanation: WS IOP detected error downloading LIC to device.

Failing Item:

- UX202
- FI00601

B0700181

Explanation: Wrong magnetic stripe reader response.

Failing Item:

- TWSIP01
- FI00605
- MEDIA
- FI00601
- FI00610

B0700182

Explanation: WS IOP detected wrong device type from device.

Failing Item:

- TWSIP01
- FI00601

B0700183

Explanation: WS IOP detected wrong display size value.

Failing Item:

- TWSIP01
- FI00601

B0700184

Explanation: WS IOP detected wrong keyboard identification.

Response: Verify that the correct keyboard is attached correctly to the workstation.

If the correct keyboard is attached correctly to the workstation, perform the procedure indicated in the failing item list.

Failing Item:

- TWSIP01
- FI00601

B0700189

Explanation: Wrong magnetic stripe reader or light pen status.

Failing Item:

- TWSIP01
- FI00601
- FI00605
- FI00607
- FI00610

B0700190

Explanation: WS IOP detected no status change from device.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00601
- FI00610
- UY1Z1

B0700191

Explanation: WS IOP detected busy time-out from device.

Failing Item:

- TWSIP01
- FI00601
- FI00610

B0700200

Explanation: Device no response time-out; temporary error.

Failing Item:

- FI00604
- FI00602
- FI00610

B0700201

Explanation: WS IOP detected error when transmitting data.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00602

- FI00604
- UY1Z1
- UY1Z3
- FI00610
- FI00615

B0700203

Explanation: WS IOP detected parity error from device.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00602
- FI00604
- UY1Z1
- FI00610

B0700204

Explanation: Device detected parity error from WS IOP.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00602
- FI00604
- UY1Z1
- FI00610

B0700205

Explanation: WS IOP detected error when transmitting data.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00602

- FI00604
- UY1Z1
- FI00610
- FI00615

B0700206

Explanation: WS IOP detected wrong data from device.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00604
- FI00602
- UY1Z3
- FI00610

B0700207

Explanation: WS IOP detected wrong address from device.

Response: Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

No: Perform TWSIP01.

Failing Item:

- FI00604
- UY1Z3
- UY1Z1
- FI00610

B0700208

Explanation: WS IOP detected device power turned off, and then on.

Failing Item:

- UY1Z5
- FI00604

B0700209

Explanation: WS IOP detected wrong device response to start command.

Failing Item:

- FI00604

B0700210 • B0700232

- FI00610

B0700210

Explanation: Printer detected equipment error.

Failing Item:

- FI00604

B0700211

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
- AJLYD01
- FI00610

B0700212

Explanation: Printer detected equipment error.

Failing Item:

- FI00604

B0700220

Explanation: Device detected wrong command or device ID from WS IOP.

Failing Item:

- FI00604
- AJLYD01
- FI00610

B0700221

Explanation: Device detected not valid value from WS IOP.

Failing Item:

- FI00604
- AJLYD01
- FI00610

B0700222

Explanation: Device detected storage or data overrun.

Failing Item:

- FI00604
- AJLYD01
- FI00610

B0700223

Explanation: WS IOP detected start command to printer was lost.

Failing Item:

- FI00604
- FI00602
- FI00610

B0700224

Explanation: Device detected wrong start command from WS IOP.

Failing Item:

- FI00604
- AJLYD01
- FI00610

B0700225

Explanation: WS IOP detected wrong exception response from device.

Failing Item:

- FI00604
- FI00610

B0700226

Explanation: Printer detected equipment error.

Failing Item:

- FI00604

B0700230

Explanation: Printer detected equipment error.

Failing Item:

- FI00604

B0700231

Explanation: Printer detected equipment error.

Failing Item:

- FI00604

B0700232

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700233

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700234

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700235

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700236

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700237

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700238

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700239

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700240

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700241

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700242

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700243

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700244

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700245

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700246

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700247

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700248

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
-

B0700249

Explanation: WS IOP detected wrong request or response from device.

Failing Item:

- FI00604
 - FI00610
-

B070026X

Explanation: Printer detected equipment error.

Response: See printer documentation for more information.

Failing Item:

- FI00604

B070027X

Explanation: Printer detected equipment error.

Response: See printer documentation for more information.

Failing Item:

- FI00604

B070028X

Explanation: Printer detected equipment error.

Response: See printer documentation for more information.

Failing Item:

- FI00604

B0700290

Explanation: WS IOP detected no status change from device.

Failing Item:

- FI00604
- FI00610

B0700291

Explanation: WS IOP detected busy time-out from device.

Failing Item:

- FI00604
- FI00610

B07002A0

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604

B07002A1

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604

B07002A2

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604

B07002A3

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604

B07002A4

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604

B07002A5

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604

B07002A6

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604
-

B07002A7

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604
-

B07002A8

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604
-

B07002A9

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604
-

B07002AA

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604
-

B07002AB

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604
-

B07002AC

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604
-

B07002AD

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604
-

B07002AE

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604
-

B07002AF

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604
-

B07002FF

Explanation: Printer detected equipment error.

Response: Consult the printer's manual for additional information.

Failing Item:

- FI00604
-

B070A000

Explanation: Too many devices active on the workstation IOP.

Response: This error occurs if you attempted to activate more workstations than allowed.

Switch off power to (or remove) one or more of the display stations (except for the console) that are attached to this workstation I/O processor. Perform an initial program load (IPL) from the control panel to correct the problem.

Refer to the local workstation diagrams for the location of workstations if necessary.

Failing Item:

- UY1Z2
-

B070B000 • B070F000

B070B000

Explanation: WS IOP fails to report part, model and serial number.

Failing Item:

- TWSIP01
- FI00610

B070C000

Explanation: WS IOP error not known.

Failing Item:

- AJLYD01
- FI00610

B070D000

Explanation: Work Station IOA start-up test error.

Failing Item:

- FI00610

B070D010

Explanation: WS IOP storage failure corrected.

Failing Item:

- TWSIP01
- FI00610

B070D011

Explanation: WS IOP card storage failure.

Failing Item:

- FI00610

B070D021

Explanation: WS IOP detected errors on all cables.

Failing Item:

- FI00602
- FI00601
- FI00610
- FI00615

B070D022

Explanation: WS IOP parity errors detected on all cables.

Failing Item:

- FI00602
- FI00601
- FI00610
- FI00615

B070D023

Explanation: WS IOP detected errors on some, but not all cables.

Failing Item:

- TWSIP01
- FI00602
- FI00601
- FI00610

B070E000

Explanation: WS IOP or IOA error during working operation.

Failing Item:

- AJLYD01
- FI00610

B070F000

Explanation: WS IOP or IOA operating system program error.

Failing Item:

- AJLYD01
- FI00719

(B075) Reference codes

B0750101

Explanation: WS IOP detected error when transmitting data.

Failing Item:

- WSCIP01
 - FI00601
 - UY1Z1
 - FI00631
 - FI00730
-

B0750103

Explanation: WS IOP detected parity error from device.

Failing Item:

- WSCIP01
 - FI00601
 - UY1Z1
 - FI00631
 - FI00730
-

B0750104

Explanation: Device detected parity error from WS IOP.

Failing Item:

- WSCIP01
 - FI00601
 - UY1Z1
 - FI00631
 - FI00730
-

B0750105

Explanation: WS IOP detected error when transmitting data.

Failing Item:

- WSCIP01
 - FI00601
 - UY1Z1
 - FI00631
 - FI00730
-

B0750106

Explanation: WS IOP detected wrong data from device.

Failing Item:

- WSCIP01
 - FI00601
 - FI00631
 - UY1Z1
 - FI00730
-

B0750107

Explanation: WS IOP detected wrong address from device.

Failing Item:

- WSCIP01
 - FI00601
 - UY1Z1
 - FI00730
-

B0750108

Explanation: WS IOP detected device power turned off, and then on.

Failing Item:

- WSCIP01
 - UY1Z5
 - FI00601
-

B0750109

Explanation: WS IOP detected wrong device response to start command.

Failing Item:

- WSCIP01
 - FI00601
 - FI00615
-

B0750111

Explanation: WS IOP detected wrong keyboard scan code from display.

Failing Item:

- WSCIP01
 - FI00601
 - FI00730
-

B0750120

Explanation: Device detected wrong command or device ID from WS IOP.

B0750121 • B0750201

Failing Item:

- WSCIP01
 - FI00601
 - FI00730
-

B0750121

Explanation: Device detected not valid value from WS IOP.

Failing Item:

- WSCIP01
 - FI00601
 - FI00730
-

B0750122

Explanation: Device detected storage or data overrun.

Failing Item:

- WSCIP01
 - FI00601
 - FI00730
-

B0750123

Explanation: Device detected null or attribute exception error.

Failing Item:

- WSCIP01
 - FI00601
 - FI00730
-

B0750124

Explanation: Device detected wrong start command from WS IOP.

Failing Item:

- WSCIP01
 - FI00601
 - FI00730
-

B0750125

Explanation: WS IOP detected wrong exception response from device.

Failing Item:

- WSCIP01
 - FI00601
 - FI00730
-

B0750126

Explanation: WS IOP detected not valid pass-through command.

Failing Item:

- WSCIP01
 - UY1Z4
 - FI00730
-

B0750149

Explanation: WS IOP detected wrong request or read response from device.

Failing Item:

- WSCIP01
 - FI00601
 - FI00730
-

B0750190

Explanation: WS IOP detected no status change from device.

Failing Item:

- WSCIP01
 - FI00601
 - UY1Z1
 - FI00730
-

B0750191

Explanation: WS IOP detected busy time-out from device.

Failing Item:

- WSCIP01
 - FI00601
 - FI00730
-

B0750201

Explanation: WS IOP detected error when transmitting data.

Failing Item:

- WSCIP01
 - FI00604
 - UY1Z1
 - FI00631
 - FI00730
-

B0750203

Explanation: WS IOP detected parity error from device.

Failing Item:

- WSCIP01
 - FI00604
 - UY1Z1
 - FI00631
 - FI00730
-

B0750204

Explanation: Device detected parity error from WS IOP.

Failing Item:

- WSCIP01
 - FI00604
 - UY1Z1
 - FI00631
 - FI00730
-

B0750205

Explanation: WS IOP detected error when transmitting data.

Failing Item:

- WSCIP01
 - FI00604
 - UY1Z1
 - FI00631
 - FI00730
-

B0750206

Explanation: WS IOP detected wrong data from device.

Failing Item:

- WSCIP01
 - FI00604
 - FI00631
 - FI00730
-

B0750207

Explanation: WS IOP detected wrong address from device.

Failing Item:

- WSCIP01
 - FI00604
 - UY1Z1
 - FI00730
-

B0750208

Explanation: WS IOP detected device power turned off, and then on.

Failing Item:

- UY1Z5
 - FI00604
-

B0750209

Explanation: WS IOP detected wrong device response to start command.

Failing Item:

- FI00604
 - FI00730
-

B0750211

Explanation: Printer detected equipment error.

Failing Item:

- FI00604
 - FI00730
-

B0750221

Explanation: Device detected not valid value from WS IOP.

Failing Item:

- FI00604
 - FI00730
-

B0750224

Explanation: Device detected wrong start command from WS IOP.

Failing Item:

- FI00604
 - FI00730
-

B0750225

Explanation: WS IOP detected wrong exception response from device.

Failing Item:

- FI00604
 - FI00730
-

B0750290

Explanation: WS IOP detected no status change from device.

Failing Item:

- FI00604
-

B0750291 • B07556ED

- FI00730

B0750291

Explanation: WS IOP detected busy time-out from device.

Failing Item:

- FI00604
- FI00730

B0755000

Explanation: Wrong command sent by vertical Licensed Internal Code.

Failing Item:

- AJDG301

B0755001

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B0755002

Explanation: Procedure error in vertical Licensed Internal Code.

Response: Procedure error in machine instructions.

Failing Item:

- UJE34
- AJDG301

B0755006

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B0755007

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301
- UJA34

B0755009

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301

B075500A

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B075500D

Explanation: Incorrect command value sent by vertical LIC.

Failing Item:

- AJDG301
- UJA34

B0755022

Explanation: Procedure error in vertical Licensed Internal Code.

Failing Item:

- AJDG301

B0755206

Explanation: Communications controller storage not available.

Failing Item:

- UJA33

B07556EA

Explanation: Clear-to-send signal dropped on modem interface.

Failing Item:

- UJ0E3
- FI00704
- UJA34
- FI00719
- FI00701

B07556ED

Explanation: Data-set-ready turn-on time-out on modem interface.

Failing Item:

- FI00701
- FI00704
- FI00719
- AJLAG01

B07556F1

Explanation: Data-set-ready dropped on modem interface.

Failing Item:

- FI00704
 - FI00701
 - UJ0E3
 - FI00719
-

B0755710

Explanation: Nonproductive receive time-out while receiving from remote.

Failing Item:

- UJA34
 - FI00700
 - FI00705
 - FI00704
 - UJ0E3
 - FI00701
 - FI00719
-

B0755712

Explanation: No data received from remote equipment; time-out.

Failing Item:

- UJA34
 - AJLAG01
 - UJ0E3
 - FI00704
 - FI00705
 - FI00700
 - UJA35
 - FI00701
 - FI00719
-

B0755715

Explanation: Remote equipment did not respond causing an idle-time-out.

Failing Item:

- UJA34
 - UJ0E3
 - FI00701
 - FI00704
 - FI00705
 - FI00700
 - FI00719
-

B0755718

Explanation: Retry limit reached for sending frames to remote equipment.

Failing Item:

- UJ0E3
 - FI00705
 - FI00704
 - FI00700
 - UJA34
 - FI00719
 - FI00701
-

B0755719

Explanation: Retry limit reached for sending frames to remote equipment.

Failing Item:

- FI00700
-

B0755720

Explanation: Retry limit reached for sending poll frame to remote.

Failing Item:

- FI00700
 - UJA34
-

B0755721

Explanation: Could not send frame to remote equipment; local problem.

Failing Item:

- FI00704
 - UJA34
 - FI00701
 - FI00719
 - FI00730
-

B0755722

Explanation: Wrong command value sent by IBM i Operating System licensed program.

Failing Item:

- AJLAG01
 - UJA35
-

B075A000

Explanation: Too many devices active on the workstation IOP.

Failing Item:

B075B000 • B075FFFF

- UY1Z2

B075B000

Explanation: WS IOP card failing to report part, model and serial number.

Failing Item:

- WSCIP01
- FI00615

B075C000

Explanation: Workstation IOP error not known.

Failing Item:

- AJLAG01

B075D000

Explanation: Workstation IOP error not known.

Failing Item:

- AJLAG01

B075D001

Explanation: Wrong or no external communications cable installed.

Failing Item:

- FI00631
- AJLAG01

B075F003

Explanation: WS IOA buffer utilization threshold exceeded temporarily.

Failing Item:

- AJLAG01

B075FFFF

Explanation: User suspected problem.

Response: Reference code FFFF is assigned by the ANZPRB (Analyze Problems) for user-detected errors. Run ANZPRB again if the problem still exists or look in the problem log (WRKPRB) for possible failing FRUs.

Failing Item:

- USER

(B1xx) Reference codes

A B1xx reference code indicates that an event or exception occurred in service processor firmware. To resolve any B1xx reference code, determine if the SRC requires a service action or if it is for tracking purposes only.

Diagnostics analyze an event when it occurs to determine if the event requires service or if the event will only be recorded for tracking purposes and future reference. The determination is based on machine type, model, installed features, configuration, topology and activations at the time of the event.

If you do not find the SRC in a serviceable event view then it is a tracking event only and does not require service.

- Tracking events appear as "informational" or "Misc." or "temp" in the IBM i product activity log and the Advanced System Manage Interface (ASMI).
- Serviceable event views are:
 - AIX[®] Diagnostics Results Log
 - IBM i problem log
 - IBM i service action log (SAL)
 - Management console service focal point
 - Linux[®] Diagnostic Messages Log
 - System control panel
 - ASMI listed under serviceable events

B104B201

Explanation: Dynamic recalibration is not valid on this elastic interface bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B104B2CC

Explanation: Internal software error: invalid parameter passed into a function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B110C004

Explanation: The first clock card is defective; all processors have clock errors.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B110C011

Explanation: CINI has detected a plug count greater than the limit for the multi-chip module

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B110C65C

Explanation: The chip's scan ring did not work correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B110C65F

Explanation: An ASIC scan failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B110D141

Explanation: The chip attention handler was asked to handle an invalid attention type.

B110D145 • B111C034

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B110D145

Explanation: An scom attention was detected on the current chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B110E501

Explanation: There was a hardware-detected problem due to the processor subsystem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B110E503

Explanation: There was a hardware-detected thermal failure due to the processor subsystem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B110E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B110E540

Explanation: There was a failure most likely attributable to the processor subsystem, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B110E550

Explanation: There was a software problem, but this could also be processor subsystem-related or require further support.

Response: If this is a tracking event, no service actions

are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1112600

Explanation: The processor VPD was invalid or missing

B1112601

Explanation: Failed to unflatten an error log.

B1112608

Explanation: A critical thermal sensor detected an over-temperature condition

B111C01F

Explanation: CINI has detected a JTAG failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C026

Explanation: CINI has detected an attempt to execute an unsupported operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C027

Explanation: CINI has received invalid data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C033

Explanation: CINI has detected an invalid GPTR data version.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C034

Explanation: CINI has detected a CFAM ID mismatch between the VPD and a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B111C035

Explanation: CINI has detected a mismatch between the ring length stored in VPD and the actual service processor ring length.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C03F

Explanation: A phase-locked loop (PLL) error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C040

Explanation: CINI was unable to get a PLL sync after 10 attempts.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C04F

Explanation: The version of the data in the PLL vital product data (VPD) record is not supported.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C051

Explanation: A clock check failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C052

Explanation: A chip data flush operation failed to complete in the allotted time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C651

Explanation: The chip's LBIST signature did not match expected value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C652

Explanation: A chip's LBIST signature did not equal the expected value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C653

Explanation: A chip's signature was missing the engineering change (EC) level.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C654

Explanation: The chip ABIST signature didn't match the expected signature.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C655

Explanation: A chip's HBIST result did not equal the expected value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C656

Explanation: There was a file error in the LBIST setup data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C657

Explanation: The L2 line delete count exceeded the threshold.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C658

Explanation: The system performed a line delete. This is an informational message; no action is required.

Response: None.

B111C65C

Explanation: The chip's scan ring did not work correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C65E

Explanation: An L3 cache chip's arrays were bad.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C65F

Explanation: The scan ring for a chip did not work correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C660

Explanation: The chips that were tested do not have any of the good arrays required for operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C661

Explanation: The P6 small array signature did not equal the expected value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B111C662

Explanation: SVPD function did not return the expected data length.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C663

Explanation: The module VPD does not have the correct version of the data structure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C664

Explanation: CFAM ID does not match the CFAM ID in the module VPD.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C665

Explanation: The fuse ring length does not match the fuse ring length from the module VPD.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C666

Explanation: eCMD function fails.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C667

Explanation: A processor chip's arrays were bad.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C66F

Explanation: A processor chip had an array that was not repairable.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111C6F0

Explanation: The processor chip test data was bad.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111E501

Explanation: There was a hardware-detected problem due to the processor FRU.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111E503

Explanation: A hardware-detected thermal failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111E540

Explanation: There was a failure most likely attributable to the processor FRU, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B111E550

Explanation: There was a software problem, but this could also be processor FRU-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B112B2DF

Explanation: A fatal IAP error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B112B2E0

Explanation: An IAP error that was not fatal occurred, or an IAP warning was issued. The system should be rebooted in slow mode to diagnose this potential problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B112B71D

Explanation: The VPD cannot be updated with the new L2 line-delete information because the record is already full.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B112B720

Explanation: The VPD indicates less space for line-delete entries than the firmware expects. This is an informational message; no action is required.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B112B841

Explanation: A hardware timeout occurred during a cache operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B112B89E

Explanation: The L2 purge engine was busy or timed out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B112C657

Explanation: The L2 line delete count exceeded the threshold.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B112C66F

Explanation: A processor chip had an array that was not repairable.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B112C807

Explanation: There was an L3 CST hardware failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B112C808

Explanation: There was an L3 RDT hardware failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B112C853

Explanation: Line test failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B112E501

Explanation: There was a hardware-detected problem due to the processor chip cache.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B112E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B112E540

Explanation: There was a failure most likely attributable to the processor chip cache, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B112E550

Explanation: There was a software problem, but this could also be processor chip cache-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B113B72D

Explanation: This is an error log entry created by a debug routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B113B825

Explanation: Unable to stop the instructions.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B113B83B

Explanation: An error occurred when starting firmware. This is a secondary error; look for prior entries in the error logs.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B113C005

Explanation: CINI detected a processor clock failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B113C651

Explanation: The P6 chip's LBIST signature did not match the expected value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B113C661

Explanation: The failing array cannot be repaired.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B113C73F

Explanation: The data in the status address is not changing. Data should be changing if the test were running correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B113C74C

Explanation: A failure occurred while performing a direct memory access (DMA) read.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B113C74D

Explanation: A failure occurred while checking the L2 AVPS test status.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B113E501

Explanation: There was a hardware-detected problem due to the processor unit.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B113E503

Explanation: There was a hardware-detected thermal failure due to the processor FRU.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B113E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B113E540

Explanation: There was a failure most likely attributable to the processor unit, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B113E550

Explanation: There was a software problem, but this could also be processor unit-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114B202

Explanation: Informational message: an IAP warning was issued.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114B2DF

Explanation: A fatal IAP error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114B2E0

Explanation: An IAP error that was not fatal occurred, or an IAP warning was issued. The system should be rebooted in slow mode to diagnose this potential problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114B71D

Explanation: The VPD cannot be updated with the new L2 line-delete information because the record is already full.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114B757

Explanation: A chip ID or EC level was not found in the list of valid parts on the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114B898

Explanation: The hypervisor has not handed off the bus after forcing the link down; there must be a hypervisor problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C002

Explanation: CINI has encountered a software failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C005

Explanation: CINI detected a processor clock failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C028

Explanation: CINI was unable to start vital clocks.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C02F

Explanation: CINI was unable to find a master time-of-day chip in the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C030

Explanation: CINI has detected an SCOM attention on a chip. This chip will be deconfigured.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C034

Explanation: CINI has detected a CFAM ID mismatch between the VPD and a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C037

Explanation: CINI has detected a break in the processor fabric making it unable to find a valid time-of-day path.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C040

Explanation: CINI was unable to get a phase-locked loop (PLL) synchronization after 10 attempts.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C053

Explanation: No processor chip was available for the master drawer master.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C651

Explanation: The P6 chip's LBIST signature did not match the expected value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C65C

Explanation: The chip's scan ring did not work correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C65D

Explanation: BIST (built-in self-test) did not finish within the allotted time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C660

Explanation: The chips that were tested do not have any of the good arrays required for operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C661

Explanation: The failing array cannot be repaired.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C664

Explanation: CFAM ID does not match the CFAM ID in the module VPD.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C66F

Explanation: A processor chip had an array that was not repairable.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C6F0

Explanation: The processor chip test data was bad.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C714

Explanation: An uncorrectable error on an up-stream bus was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C803

Explanation: CST detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C804

Explanation: RDT detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B114C805 • B114E504

callouts detailed with the SRC to determine service actions.

B114C805

Explanation: Wire node CST hardware failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C806

Explanation: A hardware error was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C829

Explanation: The wire repair threshold was exceeded

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C878

Explanation: CST has detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C879

Explanation: CST has detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C87A

Explanation: The processor wire test has detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114C87B

Explanation: RDT has detected a hardware error in the processor wire test.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114CC58

Explanation: An error occurred on an oscillator (clock) card.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114CC61

Explanation: An error occurred on an oscillator (clock) card.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114E501

Explanation: There was a hardware-detected problem due to the processor bus controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114E503

Explanation: A thermal event occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114E540

Explanation: There was a failure most likely attributable to the processor bus controller, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B114E550

Explanation: There was a software problem, but this could also be processor bus controller-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120105C

Explanation: Corrupted data from memory was sent to the service processor without an indication that it was corrupted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120B889

Explanation: The hardware configuration is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120C02A

Explanation: CINI has detected a DIMM group that is missing DIMMs.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120C04E

Explanation: The DIMMS in the callout list are in a configuration that is not supported on this system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120C067

Explanation: The DIMMS in the callout list are in a quad configuration that is not supported on this system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120C069

Explanation: A memory plugging error occurred. Verify if the memory dimms were installed correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120C65F

Explanation: The chip's scan ring did not work correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120C711

Explanation: The memory controller detected an uncorrectable memory bus error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120C712

Explanation: The memory controller detected a correctable memory bus error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120C714

Explanation: An uncorrectable error on an up-stream bus was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120C715

Explanation: A correctable error on an up-stream memory bus was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120C716

Explanation: A down-stream uncorrectable error was detected on the memory bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120C717

Explanation: A down-stream correctable error was detected on the memory bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120C732

Explanation: An uncorrectable error on the command bus was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120C733

Explanation: A correctable error on the command bus was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120CC62

Explanation: An oscillator (clock) card failover occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120E501

Explanation: There was a hardware-detected problem due to the memory subsystem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120E540

Explanation: There was a failure most likely attributable to the memory subsystem, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B120E550

Explanation: There was a software problem, but this could also be memory subsystem-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B121B2DF

Explanation: A fatal IAP error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B121B85E

Explanation: The maintenance command timed out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B121B889

Explanation: The hardware configuration is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B121B8AB

Explanation: An error was detected in the memory subsystem during IPL.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B121C056

Explanation: Memory error: training state 0 did not complete in the time allotted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B121C70E

Explanation: The memory controller failed during memory diagnostics.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B121C70F

Explanation: The memory controller did not respond to the command within the time limit.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B121C710

Explanation: The memory controller failed during main storage diagnostics.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B121C720

Explanation: A correctable error was detected but the firmware was unable to capture the error information.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B121E501

Explanation: There was a hardware-detected problem due to the memory controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B121E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B121E540

Explanation: There was a failure most likely attributable to the memory controller, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B121E550

Explanation: There was a software problem, but this could also be memory controller-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123C01C

Explanation: CINI has detected an invalid hardware configuration.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123C029

Explanation: CINI has detected a memory card mismatch. The DIMMs in the DIMM group do not match and therefore form an invalid memory group.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123C02A

Explanation: CINI has detected a DIMM group that is missing DIMMs.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123C02B

Explanation: CINI has detected a missing DIMM group that is required to configure other DIMM groups in the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123C036

Explanation: CINI has detected a DIMM connected to a memory controller that does not support it.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123C04C

Explanation: A mix of memory DIMM frequencies was detected that is not supported.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123C04D

Explanation: The DIMMs in the callout list are not DDR2-400.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123C04E

Explanation: The DIMMS in the callout list are in a configuration that is not supported on this system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123C718

Explanation: The main storage diagnostics detected an uncorrectable error on a DRAM.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123C71A

Explanation: The main storage diagnostics detected a correctable error on a DIMM.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123C71B

Explanation: More than the allowable number of soft memory correctable errors were detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123C71E

Explanation: The main storage diagnostics detected too many correctable errors.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123C732

Explanation: An uncorrectable error on the command bus was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123C76C

Explanation: The threshold for correctable memory errors was exceeded.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123E501

Explanation: There was a hardware-detected problem due to a memory DIMM or DIMMs.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123E504

Explanation: There was a hardware failure due to a memory DIMM (or DIMMs)

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123E540

Explanation: There was a failure most likely attributable to a memory DIMM (or DIMMs), but this could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B123E550

Explanation: There was a software problem, but this could also be memory DIMM-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124A40F

Explanation: A failure occurred when trying to set the block offset and length.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124B202

Explanation: Informational message: an IAP warning was issued.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124B208

Explanation: Channel initialization failed; a TS0 clock miss is suspected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124B210

Explanation: A channel init error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124B2DF

Explanation: A fatal IAP error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124B2E0

Explanation: An IAP error that was not fatal occurred, or an IAP warning was issued. The system should be rebooted in slow mode to diagnose this potential problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124B757

Explanation: A chip ID or EC level was not found in the list of valid parts on the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124B758

Explanation: A valid pair was not found the MSL mix allowed list

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124B889

Explanation: Unable to find the associate fabric chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124B8A4

Explanation: A problem was found when setting up or reading a temperature sensor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124C027

Explanation: The value generated was outside the expected range, and an overflow occurred. The system should checkstop.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124C028

Explanation: CINI was unable to start vital clocks.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124C02D

Explanation: CINI has detected the DRAMs are not ready.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124C030

Explanation: The SCOM attention line is active on the chip being called out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124C04C

Explanation: Vital clocks are still running and shouldn't be.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124C652

Explanation: A chip's LBIST signature did not equal the expected value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124C65D

Explanation: BIST (built-in self-test) did not finish within the allotted time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124C711

Explanation: The memory controller detected an uncorrectable memory bus error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124C713

Explanation: The main storage diagnostics detected a bad memory buffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124C714

Explanation: An uncorrectable error on an up-stream bus was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124C803

Explanation: CST detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124C809

Explanation: There was a memory CST hardware failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124C80A

Explanation: There was a memory RDT hardware failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124E501

Explanation: There was a hardware-detected problem due to a memory FRU.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124E540

Explanation: There was a failure most likely attributable to a memory FRU, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B124E550

Explanation: There was a software problem, but this could also be memory FRU-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125B202

Explanation: Informational message: an IAP warning was issued.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125B2DF

Explanation: A fatal error occurred during the elastic interface alignment procedure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125B71F

Explanation: The VPD cannot be updated with the new L3 line-delete information because the record is already full.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C028

Explanation: CINI was unable to start vital clocks.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C030

Explanation: The SCOM attention line is active on the chip being called out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C652

Explanation: A chip's LBIST signature did not equal the expected value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C653

Explanation: A chip's signature was missing the engineering change (EC) level.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C65D

Explanation: BIST (built-in self-test) did not finish within the allotted time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C721

Explanation: L3 diagnostics timed out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C722

Explanation: L3 diagnostics failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C723

Explanation: An unexpected L3 interrupt was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C724

Explanation: The L3 line delete threshold was exceeded.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C726

Explanation: There is no more VPD space to save the L3 line delete information.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C755

Explanation: An L3 cache FBIST failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C756

Explanation: An L3 FBIST time-out limit was exceeded.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C757

Explanation: The L3 cache FBIST test is not being run because all EDRAM pair halves contain line deletes.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C75C

Explanation: The L3 FIR bits were set before running sequential FBIST.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C764

Explanation: The transactions was not synchronized.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C769

Explanation: An interface error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125C76A

Explanation: An L3 line delete occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125E501

Explanation: There was a hardware-detected problem due to the external cache.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125E540

Explanation: There was a failure most likely attributed to the external cache, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions

are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125E550

Explanation: There was an external cache failure, most likely attributable to a software problem, but it could also be hardware-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B125FAA2

Explanation: The CRAM file system on the service processor is corrupted. Replace the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130B202

Explanation: Informational message: an IAP warning was issued.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130B2DF

Explanation: A fatal IAP error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130B2E0

Explanation: A recoverable error occurred during the elastic interface alignment procedure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130B889

Explanation: The hardware configuration is invalid

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130B892

Explanation: Hardware register access timed out

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130B8AF

Explanation: A temperature sensor calibration was not valid; a default value is being used.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130C01B

Explanation: CINI was unable to find the frequency data that was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130C028

Explanation: CINI was unable to start vital clocks.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130C030

Explanation: CINI has detected an SCOM attention on a chip. This chip will be deconfigured.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130C03F

Explanation: A PLL (phase-locked loop) lock error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130C652

Explanation: A chip's LBIST signature did not equal the expected value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130C654

Explanation: A chip's ABIST signature did not equal the expected value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130C65D

Explanation: BIST (built-in self-test) did not finish within the allotted time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130C65F

Explanation: The scan ring for a chip did not work correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130C670

Explanation: The chip is bad - all processors have clock errors.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130C80B

Explanation: CST detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130C853

Explanation: Line test failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130C854

Explanation: Wire test has detected an RDT error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130CD0B

Explanation: The number of lane failures between the control module and the optical links exceeded the threshold during an internal test.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130E501

Explanation: There was a hardware-detected problem due to the I/O subsystem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130E540

Explanation: There was a failure most likely attributable to the I/O subsystem, but could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B130E550

Explanation: There was a software problem, but this could also be I/O subsystem-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131B202

Explanation: Informational message: IAP warning

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131B2DF

Explanation: A fatal IAP error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131B2E0

Explanation: An IAP error that was not fatal occurred, or an IAP warning was issued. The system should be rebooted in slow mode to diagnose this potential problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131B82A

Explanation: A hardware operation timed out

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131B84E

Explanation: A phase-locked loop lock failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131B857

Explanation: Unable to properly quiesce I/O hardware

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131B889

Explanation: Unable to find the associate fabric chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131B892

Explanation: Hardware register access timed out

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131B895

Explanation: A hardware timeout occurred during accessing a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131C01B

Explanation: No valid GXPT bus ratio or frequency was found to accommodate the chip in the GXTP slot. The chip will be deconfigured and the boot will continue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131C01F

Explanation: A chip's JTAG was not granted the PSCOM engine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131C023

Explanation: CINI failed during the auto TLAR calculation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131C026

Explanation: CINI has detected an attempt to execute an operation that is unsupported.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131C027

Explanation: CINI has received invalid data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131C030

Explanation: The SCOM attention line is active on the chip being called out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131C03E

Explanation: CINI was unable to obtain a PLL lock on the controller chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131C03F

Explanation: CINI was unable to obtain a phased-locked loop (PLL) lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131C652

Explanation: The chip's LBIST signature did not match the expected value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131C658

Explanation: Informational message: an L2 line delete was done.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131C65D

Explanation: BIST (built-in self-test) did not finish within the allotted time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131C65F

Explanation: The chip's scan ring is not working properly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131C853

Explanation: Line test failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131E501

Explanation: There was a hardware-detected problem due to the I/O hub.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131E540

Explanation: There was a failure most likely attributable to the I/O hub, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B131E550

Explanation: There was a software problem, but this could also be I/O hub-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B132C009

Explanation: CINI failed to enable the host PCI bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B132C00A

Explanation: CINI failed to verify the host PCI bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B132E501

Explanation: There has been a hardware-detected problem due to the I/O bridge.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B132E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B132E540

Explanation: There was a failure most likely attributable to the I/O bridge hardware, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B132E550

Explanation: There was a software problem, but this could also be I/O bridge chip-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B133E501

Explanation: There was a hardware-detected problem due to the I/O bus interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B133E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B133E540

Explanation: There was a failure most likely attributable to the I/O bus interface, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B133E550

Explanation: There was a software problem, but this could also be I/O bus interface-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B134C652

Explanation: A chip's LBIST result did not equal the expected value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B134C654

Explanation: The chip's ABIST signature didn't match the expected signature.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B134C655

Explanation: A chip's HBIST result did not equal the expected value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B134C65F

Explanation: The scan ring on a chip did not work correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B135E501

Explanation: There was a hardware-detected problem due to the SMA I/O hub.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B135E504

Explanation: There was a hardware failure due to the I/O SMA hub.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B135E540

Explanation: There was a failure most likely attributable to the I/O SMA hub, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B135E550

Explanation: There was a software problem, but this could also be I/O SMA hub-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B13BC75F

Explanation: The port ready bit was not set; unable to proceed with the test.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B13BC760

Explanation: The port ready bit was not set; unable to proceed with the test.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B13BC761

Explanation: A phase-locked loop (PLL) was not locked; unable to proceed with the test.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B13BC762

Explanation: A phase-locked loop (PLL) was not locked; unable to proceed with the test.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B13BC763

Explanation: Configuring the circumvention register failed; the test cannot proceed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B13BC764

Explanation: The data was not synchronized; unable to proceed with the test.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B13BC766

Explanation: An error counter was not zero; the test cannot proceed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B13BC767

Explanation: An error counter was not zero; the test cannot proceed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B13BC768

Explanation: An error counter was not zero; the test cannot proceed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1501034

Explanation: The chic client thread failed to collect DMA error data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1501037

Explanation: C hic client thread that was supposed to collect DMA error data encountered an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1501045

Explanation: Time out waiting for CEC debug data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1501049

Explanation: Unable to determine the type of error from the hardware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150104B

Explanation: The PSI link is down. No DMAs are possible.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150104E

Explanation: A hardware protocol violation has been detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150104F

Explanation: A hardware timeout has been detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1501050

Explanation: The link needs to be reset.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1501059

Explanation: The device driver has returned an unknown error type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1502616

Explanation: A critical error occurred on the thermal/power management device (TPMD); it is being disabled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1504201

Explanation: A problem was detected on an internal I2C bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150A422

Explanation: A file was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150A450

Explanation: The RB keyword is not programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150A492

Explanation: No VPD was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B104

Explanation: Resources are present but not functioning.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B105

Explanation: The processor core is not functioning, or it cannot be detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B106

Explanation: There were no functional nodes found in the system. If this is a multi-processor-drawer system, the first node is not functioning.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B107

Explanation: This indicates that there are no functional processor clocks in the system, or no active functional processor clocks.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B10C

Explanation: An error occurred when creating a group object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B110

Explanation: The P5IOC2 was not functional.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B11B

Explanation: An error occurred while stopping the clocks.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B12B

Explanation: There is not enough hardware in the system to boot.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B12D

Explanation: An invalid unit id was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B131

Explanation: A card in the system is missing, or its VPD data is corrupted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B13B

Explanation: A hole was detected in the plugging of the nodes.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B145

Explanation: A chip has been found to be missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions. Perform FSPSP46.

B150B151

Explanation: An error occurred while creating a chip object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B170

Explanation: The configuration of the processor card(s) is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B176

Explanation: A system was found without a functional TPMD card.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B177

Explanation: A functional TPMD card was not found in a server that requires one.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B17B

Explanation: Not all of the DIMMs in the power domain have the same minimum voltage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B17C

Explanation: The DIMMs with the CCIN listed do not have a valid voltage in the DIMM voltage definition file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B180

Explanation: One or more memory cards in the system is not supported.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B202

Explanation: Informational message: an IAP warning was issued.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B203

Explanation: Timed out waiting for a slow bus operation to complete.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B2C5

Explanation: One or more IAP errors was detected; see the user details section for the PLIDs of the failing logs

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B2CC

Explanation: Internal software error: invalid parameter passed into a function

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B2DE

Explanation: Fatal bus alignment error occurred between items in the callout list

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B2DF

Explanation: Fatal bus alignment error occurred between items in the callout list

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B2E0

Explanation: Non-fatal bus alignment error occurred between items in callout list. System will continue to run.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B2E8

Explanation: An internal firmware error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B480

Explanation: An error was returned from a lower-level function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B481

Explanation: Failed to turn on a chip clock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B482

Explanation: The service processor was unable to turn off a chip clock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B483

Explanation: Failure of a chip clock operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B484

Explanation: Internal firmware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B485

Explanation: The clock selection value is not supported on this system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B716

Explanation: The IPL was restarted due to hardware deconfiguration.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B718

Explanation: Unable to find a functional communication path between the service processor and the processor. Look at the error logs and guard records to isolate the failing or missing hardware.

B150B72D • B150B942

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B72D

Explanation: This is an error log entry created by a debug routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B73F

Explanation: A power fault was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B913

Explanation: The call to rdal_scom_open failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B914

Explanation: The call to rdal_scom_close failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B917

Explanation: An ADAL SCOM error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B918

Explanation: An ADAL PSI error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B919

Explanation: An ADAL JTAG error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B91B

Explanation: An ADAL mailbox error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B91C

Explanation: There was an error when closing the test.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B921

Explanation: An error occurred when shifting data in.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B922

Explanation: The firmware encountered an error when shifting data out from a chip as part of a scan operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B941

Explanation: The firmware encountered an error when trying to read data from a ring inside a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B942

Explanation: The firmware encountered an error when trying to read data from an SCOM register inside a chip.

Response: If this is a tracking event, no service actions

are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B943

Explanation: The firmware encountered an error when trying to write data to a ring inside a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B944

Explanation: The firmware encountered an error when trying to write data to an SCOM register inside a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B945

Explanation: The firmware encountered an error when trying to read a general purpose register of a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B946

Explanation: The firmware encountered an error when trying to write data to a general purpose register inside a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B948

Explanation: Unable to start a data flushing process on a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B94B

Explanation: The SCAN/SCOM device driver encountered an error when trying to write to an internal register of a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B150B959

Explanation: There was an ADAL MBX scratch read error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B963

Explanation: The firmware detected that the value scanned out from the instruction status register of the chip is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B964

Explanation: SCOM attentions were detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B965

Explanation: There was a CRC miscompare, or a non-SCOM vital error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B966

Explanation: The firmware detected a CRC miscompare error from the specified chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B967

Explanation: The firmware detected either a parity error or an invalid command attention raised from the specified chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B982

Explanation: The firmware has detected an SCOM attention raised from the specified chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150B9D8

Explanation: HCSI_P7_PCB_PIB_TIME_OUT

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C005

Explanation: CINI detected a processor clock failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C01C

Explanation: CINI has detected an invalid hardware configuration.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C023

Explanation: CINI failed during the auto TLAR calculation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C028

Explanation: CINI was unable to start vital clocks.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C02A

Explanation: CINI has detected a DIMM group that is missing DIMMs.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B150C02B

Explanation: CINI has detected a missing DIMM group that is required to configure other DIMM groups in the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C02F

Explanation: CINI was unable to find a master time-of-day chip in the node.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C04B

Explanation: Clocks that should be stopped at this point are still running.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C04C

Explanation: Vital clocks are still running and shouldn't be.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C053

Explanation: No processor chip was available for the master drawer master

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C061

Explanation: CINI has detected no time of day (TOD) master drawer master TOD (MDMT).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C062

Explanation: CINI has detected only one clock is present.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C801

Explanation: CST detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C802

Explanation: RDT detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C803

Explanation: CST detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C804

Explanation: RDT detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C805

Explanation: A hardware error was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C806

Explanation: A hardware error was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C807

Explanation: eRepair data was successfully saved.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C808

Explanation: RDT detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C809

Explanation: CST detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C80A

Explanation: RDT detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C80B

Explanation: CST detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C80C

Explanation: RDT detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C80D

Explanation: CST detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C80E

Explanation: RDT detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C80F

Explanation: The wire test error log is full.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C817

Explanation: Wire test received an invalid input parameter.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C81A

Explanation: A null pointer was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C822

Explanation: eRepair data was successfully applied.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C823

Explanation: The system processor group object was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C826

Explanation: RDT was run using the current IPL speed and type settings, even though the manufacturing flag that allows the RTD to be run at the maximum speed was enabled.

Response: If this is a tracking event, no service actions

are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C852

Explanation: CST detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C861

Explanation: The hardware may not exist or was garded out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C869

Explanation: The hardware may not exist or was garded out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C878

Explanation: CST has detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C879

Explanation: CST has detected a hardware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C87A

Explanation: CST has detected a hardware error in the processor wire test.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150C87B

Explanation: RDT has detected a hardware error in the processor wire test.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150CA01

Explanation: Informational only: Guard actions performed on items the system detected and guarded during runtime.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150CA02

Explanation: Informational only: Guard actions performed on items the system detected and guarded during runtime, or that were guarded out using the ASMI.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150CA03

Explanation: The guard data did not exist because it was the first boot of this system, or NVRAM had been cleared. Guard data is now available.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150CA04

Explanation: Guard detected a new version of the guard data area. The guard data area was reformatted and the previous guard actions have been lost.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150CA16

Explanation: Informational message: guard actions were performed on devices the system detected and guarded out during runtime.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B150D106

Explanation: AH log read failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150D134

Explanation: The AH server process failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150D141

Explanation: The chip attention handler was asked to handle an invalid attention type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150D145

Explanation: An scom attention was detected on the current chip.

B150D151

Explanation: There was a callout failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150D159

Explanation: An invalid register value was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150D15E

Explanation: An invalid callout was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150E501

Explanation: There was a hardware-detected problem due to the CEC hardware subsystem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150E504

Explanation: There was a hardware problem in the CEC hardware subsystem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150E540

Explanation: There was a failure most likely attributable to the CEC hardware subsystem, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B150E550

Explanation: There was a CEC hardware subsystem failure, most likely attributable to a software problem, but it could also be hardware-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1517200

Explanation: Invalid boot request

Response: Perform FSPSP02.

B1517201

Explanation: Service processor failure

Response: Perform FSPSP02.

B1517202

Explanation: The permanent and temporary firmware sides are both marked invalid

Response: Perform FSPSP02.

B1517203

Explanation: Error setting boot parameters

Response: Perform FSPSP02.

B1517204

Explanation: Error reading boot parameters

Response: Perform FSPSP02.

B1517205

Explanation: Boot code error

Response: Perform FSPSP02.

B1517206

Explanation: Unit check timer was reset

Response: Perform FSPSP02.

B151720A

Explanation: Power-off reset occurred. FipsDump should be analyzed: Possible hardware problem

Response: Perform FSPSP02.

B151B202

Explanation: Informational message: an IAP warning was issued.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151B2DF

Explanation: A fatal IAP error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151B2E0

Explanation: An IAP error that was not fatal occurred, or an IAP warning was issued. The system should be rebooted in slow mode to diagnose this potential problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151B729

Explanation: There was a pattern mismatch during the DMA test between the service processor and the processor; memory could not be read from or written to correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151B72A

Explanation: An error was received when attempting a DMA operation between the service processor and the processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151B732

Explanation: An internal firmware error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151B890

Explanation: A hardware error was detected on an internal bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151B893

Explanation: An internal firmware error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151E405

Explanation: A failure in the memory subsystem was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151E40F

Explanation: Mount Close Failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151E504

Explanation: A CEC hardware failure was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151E6D0

Explanation: The secondary service processor was deconfigured because there was no communication between the primary and the secondary for more than one hour.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151F107

Explanation: The threshold of new DRAM errors was reached.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151F109

Explanation: The threshold of new NVRAM errors was reached.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151F10A

Explanation: An NVRAM address has appeared multiple times.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151F10D

Explanation: The threshold of bad blocks in the NVRAM flash memory was exceeded.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151F116

Explanation: FSI IRQ loop event occurred; one or more engines was masked.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151F127

Explanation: The number of one-bit flips exceeded the threshold. The service processor hardware will have to be replaced.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B151F128

Explanation: The health monitor found that a threshold had been exceeded.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1523599

Explanation: A sscanf call was made to set the error number.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B152B732

Explanation: An internal firmware error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B152E6D0

Explanation: The secondary service processor was deconfigured because there was no communication between the primary and the secondary for more than one hour.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B152F109

Explanation: The threshold of new NVRAM errors was reached.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B152F10D

Explanation: The threshold of bad blocks in the flash memory of the NVRAM was exceeded.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B152F127

Explanation: The number of one-bit flips exceeded the threshold. The service processor hardware will have to be replaced.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1534126

Explanation: There was an ERC GPIO (general purpose I/O) failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1534128

Explanation: There was an I2C open failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1551309

Explanation: IVPD is unable to determine the presence of end devices.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155130A

Explanation: While detecting the end device status using the I2C ADAL, both the SDA and SCL lines were found to be low. This means no devices are present on the I2C bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155130C

Explanation: Failed to open an I2C device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155130E

Explanation: Failed to configure the I2C bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155130F

Explanation: First-failure-data-capture unlock failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1551310

Explanation: First-failure-data-capture failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1551311

Explanation: Failed to read from an I2C device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1551312

Explanation: Failed to read from an I2C device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1551313

Explanation: Failed to seek on an I2C ADAL handle.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1551314

Explanation: Failed to write to an I2C device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1551317

Explanation: Failed to close an I2C ADAL handle.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155131A

Explanation: An "invalid sub-device" error was returned by the hub expansion processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155131B

Explanation: An I2C read/write operation was retried, and failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155131E

Explanation: A hardware error was returned by the hub expansion processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155131F

Explanation: An "invalid command" or "invalid bus speed" error was returned by the hub expansion processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1551320

Explanation: Sub-bus reset failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155132A

Explanation: A query of the hub status failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1551331

Explanation: The IVPD query of the HUB version failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1551332

Explanation: The IVPD query of the HUB version failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1551333

Explanation: The IVPD query of the HUB version failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1551334

Explanation: The IVPD query of the HUB version failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1551361

Explanation: A write operation to set the device failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1552600

Explanation: A vital product data (VPD) error occurred.

Response: Use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1558903

Explanation: The service processor synchronization (SINK) interface timed out waiting for a firmware component to establish a synchronization lock.

B155A404

Explanation: A failure occurred when validating vital product data (VPD) in the converged format.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A408

Explanation: An invalid VPD format found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A409

Explanation: An I2C bus configuration operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A40C

Explanation: A failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A40E

Explanation: Failed to read a local device string, or the read operation was successful but the data did not match.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A40F

Explanation: A failure occurred when trying to set the block offset and length.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A413

Explanation: An error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A415

Explanation: A failure occurred when writing to the I2C device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A416

Explanation: A failure occurred when attempting to reset a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A41B

Explanation: The enclosure feature code is the same as the system's machine type and model. To resolve this, the enclosure "FC" keyword must be verified and reentered if necessary.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A41C

Explanation: A keyword cannot be found in the VPD buffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A41D

Explanation: The vital product data (VPD) code exited.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A423

Explanation: Failed to open a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A430

Explanation: Failed to validate the format of the VPD.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A433

Explanation: A file index was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A434

Explanation: An invalid call was made.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A435

Explanation: A failure occurred when trying to get the block entry information.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A436

Explanation: An invalid device type was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A437

Explanation: An invalid vital product data (VPD) format was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A438

Explanation: The file index was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A439

Explanation: The block offset and block length are greater than the calculated vital product data (VPD) image size, or the block read size is not the same as the size in the table of block data.

Response: If this is a tracking event, no service actions

are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A43A

Explanation: VTOC block offset and VTOC block length are greater than the calculated VPD image size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A43B

Explanation: The operation was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A43C

Explanation: A parameter was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A43D

Explanation: An invalid parsing operation was attempted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A43E

Explanation: An invalid synchronization file was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A43F

Explanation: The synchronization success was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A440

Explanation: The system ID is invalid or has not been programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A441

Explanation: Setting an attribute failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A442

Explanation: Building a location failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A445

Explanation: A failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A44A

Explanation: Failed to read the module VPD from an I2C SEEPROM.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A44B

Explanation: There was a failure trying to read one of the smart chip blocks.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A44C

Explanation: ECC check failed on the given FRU.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B155A44D

Explanation: Failed to get VTOC block entry information.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A44E

Explanation: Checksum failed on a FRU.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A44F

Explanation: The world-wide node name is not valid or has not been programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A450

Explanation: The RB system keyword is not valid or has not been programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A451

Explanation: The system storage serial number (SG) is not valid or has not been programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A452

Explanation: The system unique ID (SU) is not valid or has not been programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A453

Explanation: The system serial number (SE) is not valid or has not been programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A454

Explanation: The system model (TM) is not valid or has not been programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A455

Explanation: The system storage type model (TN) is not valid or has not been programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A46B

Explanation: A read failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A46E

Explanation: Failure when reading a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A46F

Explanation: Failure when writing a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A471

Explanation: The resource ID (RID) was not tagged.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B155A472

Explanation: The SCED sense operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A476

Explanation: Failed to set the DIMM change parameter.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A477

Explanation: Failed to set the DIMM speed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A47E

Explanation: No valid copy of the system vital product data (VPD) was found on this system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A483

Explanation: A failure occurred when reading a table.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A486

Explanation: A recalculation failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A490

Explanation: The vital product data (VPD) was guarded.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A491

Explanation: No valid copy of the enclosure vital product data (VPD) was found on this system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A499

Explanation: A failure occurred when finding a data block in the converged-format vital product data (VPD).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A4AF

Explanation: Configuration on the I2C DP failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A4B9

Explanation: There was an error in finding the serial number keyword data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A4D4

Explanation: A failure occurred when reading the table from p1.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A4E0

Explanation: The RB system keyword is invalid or has not been programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A4E5

Explanation: Validation before update failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A4E6

Explanation: Validation after update failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155A4FD

Explanation: There was a mismatch in the VPD data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155B107

Explanation: A card has been detected in the system, but valid VPD cannot be collected for it.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155B128

Explanation: An invalid vital product data (VPD) port number was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B155B129

Explanation: An invalid VPD port number was encountered.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B155B131 • B157E540

callouts detailed with the SRC to determine service actions.

B155B131

Explanation: A card in the system is missing, or its VPD data is corrupted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1561111

Explanation: There was a slave read error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1573838

Explanation: Validation of the device list failed due to the lists being disjointed, missing primary devices, or missing backup devices.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15738B0

Explanation: An unrecovered FSI error was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15738F8

Explanation: An unexpected hot-plug add was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B157B10B

Explanation: No functional direct memory access (DMA) paths were found. The system cannot boot.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B157B145

Explanation: A chip is missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B157B90C

Explanation: An engine is missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B157B919

Explanation: An ADAL JTAG error was encountered.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B157E501

Explanation: There was a hardware-detected problem due to the CEC hardware JTAG.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B157E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B157E540

Explanation: There was a failure most likely attributable to the CEC clock control hardware, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B157E550

Explanation: There was a CEC hardware JTAG failure, most likely attributable to a software problem, but it could also be hardware-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B157F12E

Explanation: An error occurred when the health checking firmware tried to read a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B158B481

Explanation: Failed to turn on a chip clock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B158B482

Explanation: Failed to turn off the chip clock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B158B483

Explanation: Failure of a chip clock operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B158B484

Explanation: Unable to get a pointer to the CEC cage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B158B485

Explanation: The clock selection value is not supported on this system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B158C004

Explanation: CINI has detected a clock failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B158C005

Explanation: CINI detected a processor clock failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B158C670

Explanation: The chip is bad - all processors have clock errors.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B158CC52

Explanation: An oscillator (clock) card failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B158CC61

Explanation: An error occurred on an oscillator (clock) card.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B158CC62

Explanation: An oscillator (clock) card failover occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B158E501

Explanation: There was a hardware-detected problem due to the CEC hardware clock controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B158E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B158E540

Explanation: There was a failure most likely attributable to the CEC JTAG hardware, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B158E550

Explanation: There was a CEC hardware clock control failure, most likely attributable to a software problem, but it could also be hardware-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15911A6

Explanation: Failed to read a panel attention command from the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B159A070

Explanation: The panel function is not active.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B159A0B0

Explanation: The panel was deactivated.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B159A0B2

Explanation: Too many panels are present in the system. This is an invalid configuration.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B159A0FC

Explanation: More physical control (operator) panels are in the system than is allowed. This is an invalid configuration.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15A3301

Explanation: There is a problem with the service processor hardware time-of-day clock (RTC). It does not appear to be counting.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15A3302

Explanation: An error occurred while writing the service processor hardware time-of-day clock (RTC). The service processor hardware may need to be replaced.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15A3303

Explanation: The service processor time-of-day is invalid. If the error occurred while reading the service processor's hardware time-of-day clock (also known as the real time clock), this error indicates that the time of day must be set to a valid time. If the error occurred while setting the service processor's hardware time-of-day clock (the RTC), the service processor may need to be replaced.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15A3305

Explanation: The service processor battery needs to be replaced.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15A5004

Explanation: There is insufficient hardware within the system to boot.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15AE504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15C104B

Explanation: The PSI link is down. No DMA operations are possible.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15C104C

Explanation: Communication paths on the service processor side are not enabled to do DMA operations.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B15C1050

Explanation: The link needs to go through retry/failover.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15C9537

Explanation: An error was detected by the operating system when communicating with the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15CB10B

Explanation: No functional direct memory access (DMA) paths were found. The system cannot boot.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15CB202

Explanation: Informational message: an IAP warning was issued.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15CB2DF

Explanation: A fatal IAP error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15CB2E0

Explanation: An IAP error that was not fatal occurred, or an IAP warning was issued. The system should be rebooted in slow mode to diagnose this potential problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B15CB718

Explanation: Unable to find a functional communication path between the service processor and the processor. Look at the error logs and guard records to isolate the failing or missing hardware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15CB729

Explanation: There was a pattern mismatch during the DMA test between the service processor and the processor; memory could not be read from or written to correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15CB72A

Explanation: An error was received when attempting a DMA operation between the service processor and the processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15CB890

Explanation: The PSI link is not active on the service processor side after enabling it.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15CB891

Explanation: The PSI link has errors on the processor side after enabling it.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15CB898

Explanation: The hypervisor has not handed off the bus; there may be a hardware problem with the interrupt.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15CE465

Explanation: A PSI link surveillance failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15CE504

Explanation: There was a hardware failure due to service processor code.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15CF201

Explanation: A PSI link error was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15CF20E

Explanation: Informational message: No error was detected on the processor support interface (PSI) link.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B15EE6ED

Explanation: Service processor (or system controller) redundancy is disabled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B16087D2

Explanation: A socket error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B16087D4

Explanation: A connection error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1608902

Explanation: The service processor synchronization (SINK) interface timed out waiting for a firmware component to create a synchronization lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1608A1A

Explanation: The operation to dynamically load a library failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1608C55

Explanation: Network data was not available.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1608CAB

Explanation: A cable is not plugged properly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1608CAD

Explanation: The host is only on one network.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1608CB0

Explanation: An invalid connection was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B160B73F

Explanation: A power fault was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B160E7C3

Explanation: Unable to open a synchronization file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1701002

Explanation: The DMA driver has encountered an error, and the firmware was not able to determine if the error was due to a checkstop.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1701003

Explanation: The DMA driver has encountered an error, and the firmware was not able to determine if the error was due to a checkstop.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1701004

Explanation: The DMA driver has encountered an error due to a hardware checkstop during a read operation in the IPL mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1701006

Explanation: The DMA driver has encountered an error in IPL mode in which a write has worked but a read has failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1701007

Explanation: The DMA driver has encountered an error due to a hardware checkstop during a write operation in the IPL mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1701009

Explanation: The DMA driver has encountered an unknown error in IPL mode during write operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B170100A

Explanation: The DMA driver has encountered an error due to a hardware checkstop during a read operation in the TCE mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B170100C

Explanation: The DMA driver has encountered an error in TCE mode in which a write has worked but a read has failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B170100D

Explanation: The DMA driver has encountered an error due to a hardware checkstop during a write operation in the TCE mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B170100F

Explanation: The DMA driver has encountered an unknown error in TCE mode during a write operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1701010

Explanation: A DMA adal read returned zero bytes of data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1701011

Explanation: User-given data length doesn't match the amount of data being DMA'ed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1701012

Explanation: A DMA adal write returned zero bytes of data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1701013

Explanation: User-given data length doesn't match with the amount of data being DMA'ed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B170102A

Explanation: Manufacturing test failed because the data being read does not match the data that was previously written.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B170102B

Explanation: Manufacturing test failed because the data being read does not match the data that was previously written.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B170102C

Explanation: Manufacturing test for DMA failed while writing random data at the host address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1701041

Explanation: The operation type was not read or write.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1708505

Explanation: Failed to create the file name for a new socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B170901A

Explanation: The hypervisor has not allocated enough storage for the data structures being built.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1709020

Explanation: The service processor either retrieved invalid data from CEC memory, or there are too many FRUs to process.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B170902A

Explanation: An integrity check failed on data that the service processor retrieved from CEC memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B170B838

Explanation: The clocks are in the wrong state for this SCOM operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B170C011

Explanation: CINI has detected a plug count greater than the limit for the multi-chip module

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B170C728

Explanation: The main storage diagnostics detected a special type of uncorrectable error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B170E501

Explanation: There was a hardware-detected problem due to a subsystem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B170E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B170E540

Explanation: There was a failure most likely attributable to a subsystem, but it might also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B170E550

Explanation: There was a software problem, but this could also be miscellaneous subsystem-related problem or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B170E560

Explanation: The hardware detected a problem that was caused by software. The dump that was taken may need to be analyzed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175104B

Explanation: The PSI link is down. No DMAs are possible.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175104D

Explanation: The CEC is not configured properly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175105F

Explanation: A DMA operation failed, but the hypervisor is not accepting messages. In this case, DMAs are invalid so an informational error log is passed back to the caller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1752411

Explanation: An error occurred when deactivating the wake-on-LAN hardware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1753126

Explanation: A request to clear the error/event log has been processed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1753127

Explanation: Informational message: the error logging server has been started.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1753130

Explanation: The data synchronization thread on the error logging server was not started.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1753131

Explanation: The data sync thread was cancelled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1753132

Explanation: Sub-bus reset failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1753133

Explanation: The role changed

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B17531FF

Explanation: An error occurred in the error logging firmware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1753909

Explanation: The IPL is being terminated due to the loss of the primary node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1753918

Explanation: There was an error due to the loss of surveillance when activating a node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175392F

Explanation: There is a node present that is not under surveillance.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175393E

Explanation: There was a node controller failover request by the user.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1753940

Explanation: There was a request to disable a node controller by the user.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1753943

Explanation: There was an error in the ping acknowledgement received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175394F

Explanation: A node controller surveillance error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1754201

Explanation: A problem was detected on an internal I2C bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1754202

Explanation: RDAL handle failure

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1754203

Explanation: An error occurred, but FFDC could not be extracted

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1754204

Explanation: FFDC data was extracted, but the unlock failed

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175440B

Explanation: There was a hard socket failure disconnection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175440F

Explanation: Failed to write data to a socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1757026

Explanation: The system power interface (SPIF) server thread was canceled while sending a command to the system power control network (SPCN).

B1758504

Explanation: These SRCs are added to the primary SRC to show control flow.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1758C03

Explanation: A null pointer was passed to a function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1758C0B

Explanation: Unable to verify the type of system enclosure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1758C0D

Explanation: Unable to determine the enclosure type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175A043

Explanation: An incorrect data size was received for the function action that was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175B13F

Explanation: The SMP cables are plugged incorrectly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175B169

Explanation: The SMP cables are dangling.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175B16A

Explanation: The IVPD data for a cable does not match any known cable types; check for improperly plugged cables and correct any problems that are found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175B170

Explanation: The SMP cables are not plugged in securely.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175B17F

Explanation: The configuration was degraded due to SMP cabling

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175B718

Explanation: Unable to find a functional communication path between the service processor and the processor. Look at the error logs and guard records to isolate the failing or missing hardware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175B838

Explanation: Internal software error: hardware in incorrect state for attempted operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175C01D

Explanation: CINI has detected a user-overridden logical memory block (LMB) size that is not valid for the system's memory size. The CINI will instead use the default LMB size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175CA10

Explanation: Resources that had been guarded out were returned to the functional state to allow the system boot to continue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175D003

Explanation: The enclosure LED cannot be turned off from the ASMI menus because one or more child LED is in the on or identify state

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B175D010

Explanation: The service processor is about to be reset with toolreset.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175E019

Explanation: Communications failure with RETAIN.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175E01A

Explanation: The system called home to the IBM service center. This entry tracks the successful communication with the RETAIN server. Errorlog information shows the PMH number in the user details section. with the RETAIN server. Errorlog information shows the PMH number in the user details section.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175E01B

Explanation: Service center did not respond as expected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175E01C

Explanation: The system failed to log into the IBM service center.

Response: Verify system is entitled to RETAIN/IPAP service. Verify call home settings are correct. Perform call home test and examine error log for other failures.

Problem determination: Verify that the correct hemisphere data has been programmed. Also confirm that the system is entitled for service via the IBM service center.

B175E01D

Explanation: Verify that the system is entitled to service and is registered with RETAIN.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175E501

Explanation: There was a hardware-detected problem due to an unknown subsystem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175E504

Explanation: There was a hardware failure, but the cause cannot be determined.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175E540

Explanation: There was a failure most likely attributable to something in the hardware, but could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175E550

Explanation: There was a software problem from an unknown subsystem; it will require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175E560

Explanation: The hardware detected a problem that was caused by an unknown entity. The dump that was taken may need to be analyzed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175E580

Explanation: Processor runtime diagnostics (PRD) has found an invalid attention type in the attention data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175F109

Explanation: The threshold of new NVRAM errors was reached.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B175F138

Explanation: Gard records found during periodic check.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

Failing Item:

- FSPSP83

B1762A11

Explanation: The TPMD (thermal/power management device) failed to communicate with a processor over the I2C bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763221

Explanation: Informational message: The hyperboot capability registry entry was changed to capable and the IPL speed to hyper because NVRAM was reset.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763224

Explanation: The service processor rebooted to Standby on iplp/NextSide.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763225

Explanation: The hyperboot capability setting was changed to capable.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763227

Explanation: The iplp/IplSpeedOverride and iplp/CurrentIplSpeed values are being changed to the input speed Value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763231

Explanation: This SRC is reserved.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763303

Explanation: The service processor's time-of-day clock is invalid. This error indicates that the time-of-day clock must be set to a correct time before the next system IPL.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176330F

Explanation: An error was returned from the real time clock ADAL.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763320

Explanation: Internal service processor time-of-day data was initialized to a default value. This may be due to an NVRAM battery or service processor replacement, or because the service processor was reset to factory defaults.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1763321

Explanation: The service processor's time-of-day has changed. The error log detail contains information that is useful in analyzing time change events.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763324

Explanation: The timed-power-on function was disabled when the service processor discovered that its time-of-day was invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763325

Explanation: Invalid data was received by a service processor time-of-day process.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176332B

Explanation: An error was returned from a function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763435

Explanation: Write the IPL type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763437

Explanation: Tool reset has been requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763438

Explanation: A power-cycle reset request was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763441

Explanation: The fspiptye variable's value was modified to modified to keep the primary and secondary service processors' roles in sync.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763833

Explanation: A duplicate add event was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763834

Explanation: A duplicate removal event was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763839

Explanation: There was an error during a forced device addition.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763850

Explanation: The IOMUX (I/O multiplexer) configuration is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1763892

Explanation: The configuration file key is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B17638A0

Explanation: frum detected a bad fsi link.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B17638B2

Explanation: A failover could not be initiated because rmgrBackupFailoverCapability indicates that it is not allowed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1764007

Explanation: Unable to open the dhclient.pid file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1764009

Explanation: ipconfig failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176400A

Explanation: There was a DHCP link error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176402B

Explanation: Unable to open the DHCP client leases file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B176402C

Explanation: There was an error in the DHCP lease file information.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176402E

Explanation: Unable to check to see if the link is up or not.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176402F

Explanation: Unable to read DHCP failure tracking registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1764030

Explanation: When the node controller was booting, it was unable to obtain an IP address for 30 minutes or more. However, the DHCP client was able to get an IP address and the controller booted successfully. A dump was generated.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1764031

Explanation: When the node controller was booting, tftp failed multiple times. It then recovered and the node controller booted successfully. A dump was generated.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1764032

Explanation: The IP address for the node controller was not assigned based on the node ID and side but is from a pool.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176410A

Explanation: RDAL's ERC connection failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176410F

Explanation: RDAL's ERC write failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1764120

Explanation: Invalid AIO parameters were passed to rdal_aio_ctx_submit.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1764121

Explanation: The RDAL ERC object was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176440B

Explanation: An ERC hard failure was recorded.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176440F

Explanation: The BFMK ERC object was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B1766035 • B1768B01

callouts detailed with the SRC to determine service actions.

B1766035

Explanation: The IPL type was written to the registry.

B1768453

Explanation: There was an error when closing the session.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768478

Explanation: An error occurred in the SSL part of the connection

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176847D

Explanation: An error occurred when getting the socket options.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768497

Explanation: There was an error when setting the network interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B17684A0

Explanation: Unable to read the registry value that indicates whether or not the network is available.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B17684A1

Explanation: Return from the error log indicates that the connection to a storage subsystem was not made and the connection timed out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B17684A7

Explanation: A failure from the nets_process_sess_cmd() function occurred during a serial-over-LAN session. The message was received from a storage subsystem but failed to process.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B17684A8

Explanation: Informational message: Serial over LAN (SOL) processing was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768902

Explanation: A time-out occurred because the file does not exist.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768A1A

Explanation: The loading of a shared library has failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768A1B

Explanation: There was a library DL synchronization error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B01

Explanation: Informational message: cannot open a device

Response: If this is a tracking event, no service actions

are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B07

Explanation: A system call was made.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B0C

Explanation: Informational message: failed to set up the FSI adapter; the sibling is not present.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B0D

Explanation: Informational message: failed to set up the FSI adapter; the sibling is not present.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B0E

Explanation: IFCONFIG mailbox 2 failure.

Response: If this is a tracking event, no service actions are required. IBM Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B0F

Explanation: Failed to set up the FSI adapter; the sibling is not present.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B13

Explanation: Failed to configure the IP address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B14

Explanation: Unable to set the hostname.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B18

Explanation: Unable to write to a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B1E

Explanation: A network reset was issued as the pin value changed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B1F

Explanation: A network reset was issued as the pin value changed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B23

Explanation: Informational message: FrumWaitDeviceList timed out; cannot open the device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B2E

Explanation: A software open error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B35

Explanation: A VLAN remove operation was performed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B1768B36 • B1768BC3

callouts detailed with the SRC to determine service actions.

B1768B36

Explanation: The network configuration data from the user was incorrect.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B3B

Explanation: The device cannot be opened.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B43

Explanation: An error occurred when getting an IP address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B44

Explanation: An ARP send operation was performed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B46

Explanation: The mailbox route was rejected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B47

Explanation: A DHCP failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B4E

Explanation: There was a failure when creating the route.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B75

Explanation: A hardware failure occurred when getting the subnet.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768B85

Explanation: No prototype was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768BC1

Explanation: Informational message: the service processor has been rebooted by the CMM due to an I2C communications failure or a security exception in phase 1.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768BC2

Explanation: Informational message: the service processor has been rebooted by the CMM due to a communication failure or security exception in phase 2 or 3.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1768BC3

Explanation: Informational message: the service processor lost connection to the CMM security component and rebooted to recover the secure state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1769004

Explanation: A dump request was rejected by the service processor. It is possible that a dump was already done or in progress at the time of the request.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1769006

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1769007

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1769008

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176900D

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176900E

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1769010

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1769014

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1769028

Explanation: An error occurred while trying to write data to CEC memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176902A

Explanation: An integrity check failed on data that the service processor retrieved from CEC memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1769042

Explanation: An error log was generated at the end of the memory test. This indicates that non-terminating errors were generated during the test.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176904F

Explanation: A secondary SRC was added to show control flow. The primary SRC indicates the actual error.

Response: If this is a tracking event, no service actions

B1769052 • B176B73F

are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1769052

Explanation: The memory test completed successfully.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176905C

Explanation: Terminations have been disabled so AVP-related errors will simply cause reboots.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176A40F

Explanation: Unable to open the directory into which this data file should have gone.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176A41C

Explanation: Failed to find the input keyword or record in the module VPD.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B105

Explanation: The processor core is not functioning, or it cannot be detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B202

Explanation: Informational message: an IAP warning was issued.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B2DE

Explanation: The elastic interface alignment procedure never completed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B2DF

Explanation: A fatal IAP error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B507

Explanation: Keys were not found in a table. This could be any table and any keys, so the details in the error log entry are very important in debugging this type of error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B70C

Explanation: An internal firmware error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B739

Explanation: There was an error when forcing a lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B73F

Explanation: The CEC encountered a power line disturbance.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B740

Explanation: The secondary service processor has detected missing devices.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B836

Explanation: The parent chip returned a null value for ruleCommonFacade.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B838

Explanation: The clocks are in the wrong state for this SCOM operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B87D

Explanation: An operation was attempted on a non-functional unit.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B887

Explanation: Internal software information log entry; informationl message only.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B90C

Explanation: An engine is missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B913

Explanation: The firmware encountered an error when opening an ADAL (access device abstraction layer) to a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B914

Explanation: An error was encountered when the firmware tried to close the SCAN/SCOM device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B915

Explanation: The SCOM device driver is unable to scan the data out from the ID register.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B916

Explanation: The firmware encountered an internal problem: a chip doesn't have a valid scan interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B917

Explanation: An ADAL SCOM error was encountered.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B918

Explanation: An ADAL PSI error was encountered.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B919

Explanation: An ADAL JTAG error was encountered.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B91B

Explanation: There was an ADAL mailbox error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B920

Explanation: The firmware encountered an error when shifting a command into a chip as part of a scan operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B924

Explanation: The firmware timed out when waiting for a JTAG lock to be granted by the JTAG ADAL (access device abstraction layer).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B940

Explanation: The SCOM device driver encountered an error when trying to read the status register of a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B941

Explanation: The firmware encountered an error when trying to read data from a ring inside a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B942

Explanation: The firmware encountered an error when trying to read data from an SCOM register inside a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B945

Explanation: The SCOM device driver encountered an error when trying to read a GP (general purpose) register of a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B94A

Explanation: The SCAN/SCOM device driver encountered an error when trying to read an internal register on a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B963

Explanation: The firmware detected that the value scanned out from the instruction status register of the chip is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B964

Explanation: The firmware detected an SCOM attention raised from the specified chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B967

Explanation: The firmware detected either a parity error or an invalid command attention raised from the specified chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B176B982

Explanation: The firmware has detected an SCOM attention raised from the specified chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B9B1

Explanation: The ivJtagEnginePtr pointer is NULL.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176B9D8

Explanation: HCSI_P7_PCB_PIB_TIME_OUT

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176C01D

Explanation: CINI has detected a user-overridden logical memory block (LMB) size that is not valid for the system's memory size. The CINI will instead use the default LMB size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176C709

Explanation: The number of memory errors detected by main storage diagnostics exceeded the manufacturing threshold.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176C70A

Explanation: A memory-preserving IPL occurred, so a summary error log was created to terminate the IPL, and that previous logs that pointed to hardware or software failures had been created and committed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B176C729

Explanation: One or more of the wrap tests failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176C740

Explanation: The L2 AVPS test has completed successfully (informational message).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176C742

Explanation: Summary errorlog: this error log indicates that there is one or more memory AVPS test failures.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176C74A

Explanation: A summary error log was created to terminate the IPL.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176C74B

Explanation: Summary errorlog: this error log indicates that there is one or more L2 AVPS test failures.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176C751

Explanation: Informational message: The memory test case completed successfully.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176D401

Explanation: An unexpected signal was caught.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176E501

Explanation: There was a hardware-detected informational message of unknown origin. No action is required.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176E540

Explanation: There was an informational message due to hardware, but could also be software-related. No further action is required.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176E550

Explanation: There was a software problem; this is an informational message. No action is required.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B176E658

Explanation: This indicates the requested action failed because the sibling service processor is not in the working state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B17BE434

Explanation: This error log entry is generated when the hypervisor fails to send its heartbeat message within the allotted time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B17CE433

Explanation: This error log entry is generated when the HMC fails to send its heartbeat message within the allotted time. The reason could be network issues, or the Ethernet cable is disconnected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B180E501

Explanation: There has been a hardware-detected problem due to the firmware subsystem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B180E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B180E540

Explanation: There was a failure most likely attributable to the firmware subsystem, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B180E550

Explanation: There was a firmware subsystem problem, but it could also be hardware-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B180E560

Explanation: The hardware detected a problem that was caused by a firmware component. The dump that was taken may need to be analyzed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B180E580

Explanation: There was a failure in the service processor firmware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181000A

Explanation: "Malformed" SRC

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811002

Explanation: The DMA driver has encountered an error; unable to determine if a hardware checkstop has occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811003

Explanation: The DMA driver has encountered an error; unable to determine if a hardware checkstop has occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811004

Explanation: The DMA driver has encountered an error due to a hardware checkstop during a read operation. (The checkstop needs to be analyzed to determine the root cause of the failure. The dma failure is a secondary effect of the hardware checkstop.)

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811006

Explanation: The DMA driver has encountered an unknown error during a read operation. The error information needs to be analyzed to determine the cause.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811007

Explanation: The DMA driver has encountered an error due to a hardware checkstop during a write operation in IPL mode. Look for an error log entry generated by PRD (processor runtime diagnostics). (The checkstop needs to be analyzed to determine the root cause of the failure. The DMA failure is a secondary effect of the hardware checkstop.)

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811009

Explanation: The DMA driver has encountered an unknown error during a write operation. The error information needs to be analyzed to determine the cause. If the first DMA operation always fails with this error, it is probably a hardware problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181100A

Explanation: The DMA driver has encountered an error due to a hardware checkstop during a read operation. (The checkstop needs to be analyzed to determine the root cause of the failure. The DMA failure is a secondary effect of the hardware checkstop.)

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181100C

Explanation: The DMA driver has encountered an unknown error during a read operation. The error information needs to be analyzed to determine the cause.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181100D

Explanation: The DMA driver has encountered an error due to a hardware checkstop during a write operation in TCE mode. Look for an error log entry generated by PRD (processor runtime diagnostics). (The checkstop needs to be analyzed to determine the root cause of the failure. The DMA failure is a secondary effect of the hardware checkstop.)

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181100F

Explanation: The DMA driver has encountered an unknown error during a write operation. The error information needs to be analyzed to determine the cause.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811010

Explanation: A read was attempted, but the DMA driver returned zero bytes of data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811011

Explanation: The amount of data being transferred by DMA does not match the length passed in by the user.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811012

Explanation: A write operation was attempted, but the DMA driver returned zero bytes of data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811013

Explanation: The amount of data being transferred by DMA does not match the length passed in by the user.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811014

Explanation: The DMA driver could not be opened.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181101B

Explanation: The DMA user attempted a DMA read with a length of zero.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181101C

Explanation: The DMA user attempted a DMA write with a length of zero.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181101D

Explanation: DMA user provided NULL as an address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181101E

Explanation: NULL was received by a function as the service processor's (or system controller's) address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811022

Explanation: The DMA user attempted a DMA during a window in which DMAs are not available.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811023

Explanation: The sbcu/BusController register did not contain one of the expected values.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811027

Explanation: The CEC is powering off. There has been a power off just before, or during, the DMA operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811028

Explanation: Manufacturing test failed because /dev/urandom could not be opened.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811029

Explanation: Manufacturing test failed because /dev/urandom could not be read.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181102D

Explanation: The chic client thread timed out trying to collect DMA error data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181102E

Explanation: The event management constructor failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811030

Explanation: Unable to read registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811031

Explanation: This is a DMA code error. One thread is overwriting another.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811032

Explanation: The timer returned an unknown error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811033

Explanation: Chic call returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811034

Explanation: The chic client thread failed to collect DMA error data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

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callouts detailed with the SRC to determine service actions.

B1811036

Explanation: Manufacturing test failed because of incorrect DMA mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811037

Explanation: Chic client thread that was supposed to collect DMA error data encountered an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811039

Explanation: Svpd call returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181103A

Explanation: Svpd call returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181103B

Explanation: The current resource ID did not match the list of available resource IDs.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181103C

Explanation: The DMA path could not be determined.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181103D

Explanation: DMA paths were found, but none of them was marked as the primary path.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811040

Explanation: The DMA user provided an invalid address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811041

Explanation: Dmae detected an unexpected event.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811042

Explanation: The spif/PowerState register is undefined.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811043

Explanation: DMAE could not determine if the CEC was powering off.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811045

Explanation: Time out waiting for CEC debug data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811047

Explanation: A CEC data processing operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811048

Explanation: Unable to interpret the first-failure-data-capture (FFDC) data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181104B

Explanation: PSI link is down.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181104C

Explanation: Communication paths on the service processor side are not enabled to do DMA operations.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181104D

Explanation: The CEC is not configured to do DMA operations.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811050

Explanation: The link needs to go through a reset, then failover.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811051

Explanation: Software detected a timeout.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811052

Explanation: A DMA was attempted with an invalid address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811053

Explanation: A DMA was attempted using an invalid TCE token.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811054

Explanation: The service processor is trying to write a read-only or read a write-only page.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811055

Explanation: There is a problem in the device driver code.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811056

Explanation: The operation was cancelled by the caller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811057

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811058

Explanation: Invalid HOM node information was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181105A

Explanation: A component name of NULL was passed into a function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181105C

Explanation: Corrupted data was sent to the service processor or system controller without an error being flagged.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181105D

Explanation: Corrupted data from memory was sent to the service processor without an indication that it was corrupted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811060

Explanation: The user passed in a component name of NULL.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811101

Explanation: Failed to open the master I2C device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811102

Explanation: Failed to configure the master I2C device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811103

Explanation: Failed to write to the panel via the master I2C device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811104

Explanation: Failed to close the master I2C device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811110

Explanation: Failed to open the slave I2C device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811111

Explanation: There was a slave read error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811113

Explanation: Failed to close the slave I2C device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811120

Explanation: An invalid parameter was passed into the function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811121

Explanation: The panel attention command that was received did not have a valid checksum.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811122

Explanation: The panel attention command that was received was not valid because the "press and release" button sequence was violated, or an invalid button action was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811130

Explanation: Failed to lock the mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811131

Explanation: Failed to stop the execution of the thread holding the mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811132

Explanation: Failed to lock the mutex with a timeout.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811133

Explanation: Failed to unlock the mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811140

Explanation: Failed to read a value from a registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811150

Explanation: Failed to get the possible resource identities of all the panels in the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811151

Explanation: No panels may be installed in this system according to VPD.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811152

Explanation: Failed to determine if the panel is present or not.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811153

Explanation: An error occurred when getting the number of panel resource IDs that may be installed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

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callouts detailed with the SRC to determine service actions.

B1811154

Explanation: An error occurred getting the master and slave I2C device paths and the panel I2C device address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811155

Explanation: No master I2C device was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18111A0

Explanation: Failed to send the internal scroll command to the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18111A1

Explanation: Failed to send the soft reset command to the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18111A2

Explanation: Failed to send the display data write command to the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18111A3

Explanation: Failed to send the lamp test command to the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18111A4

Explanation: Failed to send the button control command to the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18111A5

Explanation: Failed to send the LED control command to the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18111A6

Explanation: Failed to read a panel attention command from the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811300

Explanation: There was a problem in the way the function was called, or it an invalid parameter was passed to it.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811301

Explanation: An invaled attribute was specified in an attribute parameter.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811302

Explanation: An invalid address list was specified in the address list parameter.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811303

Explanation: An error was encountered while trying to detect the SVPD read mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811304

Explanation: The mode is unknown.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811305

Explanation: An error was encountered by the external library interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811306

Explanation: The external library interface received a zero-size data length from the svpd_read_data_persistency interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811307

Explanation: A non-null value was detected in the data address pointed to by the data address pointer parameter; a null pointer is required.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811308

Explanation: An error was encountered by the external library interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181130B

Explanation: Failed to open an I2C device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181130C

Explanation: Failed to open an I2C device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181130D

Explanation: A first-failure-data-capture deadlock was encountered.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181130E

Explanation: Failed to configure the I2C bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181130F

Explanation: First-failure-data-capture unlock failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811310

Explanation: First-failure-data-capture failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811312

Explanation: Failed to read from an I2C device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811313

Explanation: Failed to seek on an I2C ADAL handle.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811314

Explanation: Failed to write to an I2C device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811315

Explanation: Invalid device information was passed to the IVPD library.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811316

Explanation: Failed to close an I2C RDAL handle.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811317

Explanation: Failed to close an I2C ADAL handle.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811318

Explanation: An I2C bus node was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811319

Explanation: An "invalid sub-bus" error was returned by the hub expansion processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181131C

Explanation: An "invalid command" error was returned by the hub expansion processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181131D

Explanation: An "invalid bus speed" error was returned by the hub expansion processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811322

Explanation: An invalid operation was specified.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811323

Explanation: The first level of basic input parameter validation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811324

Explanation: The process message request data size is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811325

Explanation: There was insufficient data in the process message request.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811326

Explanation: There was insufficient data in the process message request.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811327

Explanation: SVPD_get_dev_addr_string failed and returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811328

Explanation: Failed to reset the I2C engine or bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811329

Explanation: An error occurred when trying to read the thermal sensor temperature data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181132B

Explanation: A null pointer was received in an array parameter.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181132C

Explanation: An invalid device type was used to call a function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181132D

Explanation: An invalid device type was used to call a function, or the register that was requested is not available on this chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181132E

Explanation: An invalid device type was used to call a function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181132F

Explanation: A device was closed but never unlocked. This may cause I2C bus problems later.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811330

Explanation: IVPD detected that the SEEPROM interface was called to access a non-SEEPROM device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811334

Explanation: A node controller was missing from the address string that was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811335

Explanation: An invalid node was found in the address string that was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811336

Explanation: A node was missing in the address string that was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811337

Explanation: An I2C device path was missing in address string that was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811338

Explanation: A subbus address was missing in the address string that was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811339

Explanation: Failed to configure the I2C bus for a module.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181133A

Explanation: Failed to open the I2C bus for a device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181133D

Explanation: Tried to open the master I2C but to a device, but it was already open.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181133E

Explanation: Failed to read the control registers of a module.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181133F

Explanation: Failed to send the read register command to a module.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811340

Explanation: The last function sent failed after several retries.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811341

Explanation: Unable to convert a bad device string into a device structure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811342

Explanation: Failed to reset the open master I2C bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811343

Explanation: The master I2C bus going to the device to be read is not open.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811344

Explanation: The node controller B I2C device path was missing in the string that was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811345

Explanation: The address list that was created was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18113FF

Explanation: An attempt was made to call process functionality that is not supported at this time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811401

Explanation: An invalid argument was passed to a function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811402

Explanation: A call to ADAP open failed for the secondary file descriptor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811403

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811404

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811405

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811406

Explanation: The message received was larger than the message buffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811510

Explanation: Invalid data was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811515

Explanation: A nonzero return code was returned by the smartchip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811530

Explanation: Unexpected null pointer, or zero, passed to routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811531

Explanation: A null pointer was expected for a given parameter in this routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B1811533 • B1811543

callouts detailed with the SRC to determine service actions.

B1811533

Explanation: Failed to obtain the svpd read mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811534

Explanation: Failed to obtain svpd read mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811535

Explanation: Failed to read the data persistency.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811536

Explanation: Failed to obtain data from persistent memory in filemode. The file corresponding to the device given does not exist.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811538

Explanation: Failed to write block data to persistent memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811539

Explanation: Failed to obtain the block in filemode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181153A

Explanation: The block that was searched for does not exist or contains invalid data in filemode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181153B

Explanation: Invalid block data size in filemode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181153E

Explanation: Invalid block name length.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811540

Explanation: Failed to configure the UART.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811541

Explanation: Failed to reset the UART.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811542

Explanation: Failed to open a UART handle.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811543

Explanation: Failed to close the UART device handle.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811544

Explanation: Failed to write to the UART buffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811545

Explanation: Failed to read data from the UART buffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811546

Explanation: The size of the data written to the UART buffer is not equal to the size of the data that was sent to it.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811547

Explanation: The data obtained from the UART is bigger than the expected data size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811549

Explanation: An error was returned when extracting the node ID from the device address string.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181154A

Explanation: Failed to check on the existence of the smartchip lock file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181154B

Explanation: Failed to rename the smartchip lock file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181154C

Explanation: Failed to rename the smartchip lock file, and thus failed to release the lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181154D

Explanation: Failed to open the smartchip lock file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181154E

Explanation: Failed to write to the smartchip lock file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181154F

Explanation: Failed to write to the smartchip lock file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811550

Explanation: Failed to obtain a handle on the smartchip lock file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811551

Explanation: Failed to obtain a handle for the smartchip lock file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B1811552 • B181155E

callouts detailed with the SRC to determine service actions.

B1811552

Explanation: Device address format given is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811553

Explanation: Failed to obtain the free space on a given smartchip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811554

Explanation: Failed to obtain the free space on a given smartchip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811555

Explanation: Failed to read a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811556

Explanation: Timed out waiting for a response from the universal asynchronous receiver/transmitter (UART) read buffer command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811557

Explanation: An invalid number of bytes was returned by a chip in response to a read command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811558

Explanation: Invalid process message operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811559

Explanation: Failed to receive a request buffer from the process message interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181155A

Explanation: The process message request buffer had no data in it

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181155B

Explanation: The smartchip request size is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181155C

Explanation: The smart chip packet size was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181155D

Explanation: Failed to unlock the UART FFDC.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181155E

Explanation: Failed to unlock the universal asynchronous receiver/transmitter (UART) RDAL failed.

Response: If this is a tracking event, no service actions

are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181155F

Explanation: A first failure data capture (FFDC) at the thread level returned multiple blocks of data; this is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811560

Explanation: A UART event extraction failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181156A

Explanation: A UART event extraction failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181156B

Explanation: Multiple attempts to recover from a chip communication failure have been made, and failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181156C

Explanation: A time-out occurred waiting for the response from the universal asynchronous receiver/transmitter (UART) read buffer command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181156D

Explanation: A non-zero return code was returned by the chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181156E

Explanation: The chip responded to with a "receive ready" flag to a resynchronization request.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181156F

Explanation: The chip sent a response to a non-resynchronization request.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811570

Explanation: Sending a packet as a response to a chip resynchronization failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811571

Explanation: A bad response was received from a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811572

Explanation: Failed to read the chip line status.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811573

Explanation: Failed to write the chip line status changes to enable the port's DCR lines.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811574

Explanation: Failed to write the chip line status changes to enable the chip reset line.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811575

Explanation: Failed to write the chip line status changes to disable the chip reset line.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811576

Explanation: Failed to reset the UART.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811577

Explanation: Locking a binary semaphore failed when attempting to reserve a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811578

Explanation: Unlocking a binary semaphore failed when attempting to reserve a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811579

Explanation: Locking a binary semaphore failed when attempting to release a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181157A

Explanation: Unlocking a binary semaphore failed when attempting to release a lock .

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181157B

Explanation: The chip lock has been taken over due to two minutes of inactivity.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181157C

Explanation: The user number received to lock out the chip was invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181157D

Explanation: The chip returned an unexpected response when attempting to lock out a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181157E

Explanation: The attempt to delete aiocb failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181157F

Explanation: The RDAL UART event extraction call returned an invalid status.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811580

Explanation: A device address string was received that shorter than 22 bytes.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1811581

Explanation: The chip lock has been taken due to inactivity for a specified length of time, or the priority of the current user.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18115CC

Explanation: The smartchip for the device given is not reserved.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18115CD

Explanation: The smartchip is currently reserved by this caller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18115CF

Explanation: The smartchip for the given device is locked by another user.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812001

Explanation: The SPIF application received a signal.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812002

Explanation: An internal function call has failed in SPIF.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812003

Explanation: The pthread_once POSIX function has returned an error in system power interface firmware (SPIF).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812004

Explanation: The pthread_setspecific POSIX function returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812005

Explanation: An internal function call has failed in SPIF.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812006

Explanation: System power interface firmware (SPIF) internal error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812007

Explanation: System power interface firmware (SPIF) internal error

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812008

Explanation: An invalid parameter was passed to a system power interface firmware (SPIF) function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812009

Explanation: The pthread_mutex_lock function returned an error in system power interface firmware (SPIF).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181200A

Explanation: The pthread_mutex_lock function returned an error in system power interface firmware (SPIF).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181200B

Explanation: System power interface firmware (SPIF) failed to create a software object necessary for further processing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181200C

Explanation: System power interface firmware (SPIF) timed out waiting for a particular event.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181200D

Explanation: Error occurred during the updating of system power interface (SPIF) server's internal power state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181200E

Explanation: SPIF detected invalid data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181200F

Explanation: SPIF failed to synchronize with the power process.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812010

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812012

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812013

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812014

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812015

Explanation: Error occurred in system power interface firmware (SPIF) while processing an error log object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812016

Explanation: Error occurred in system power interface firmware (SPIF) while processing an error log object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812017

Explanation: One of the spif_queue mutexes could not be initialized.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812018

Explanation: Error occurred while attempting to initialize SPIF thread condition variable.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812019

Explanation: Error occurred while attempting to erase SPIF thread condition variable.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181201A

Explanation: One of the spif_queue mutexes could not be erased.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181201B

Explanation: System power interface firmware (SPIF) terminated the system because it detected a power fault.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181201C

Explanation: The pthread_cond_wait function returned an error in system power interface firmware (SPIF).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181201D

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181201E

Explanation: The pthread_cond_signal function returned an error when called from system power interface firmware (SPIF).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181201F

Explanation: The pthread_create function has failed in system power interface firmware (SPIF).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812020

Explanation: System power interface firmware (SPIF) failed to cancel its threads.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812021

Explanation: The `pthread_setcancelstate` function returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812023

Explanation: The `pthread_join` function has failed to join the SPIF server threads.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812024

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812025

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812026

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812027

Explanation: The SPIF server has routed an acknowledgment message to the command queue. This indicates an internal problem with the SPIF server.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812028

Explanation: A command sent by SPIF was rejected by the power firmware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812029

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181202A

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181202B

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181202C

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181202D

Explanation: The SPIF client found that the SPIF server was not ready for communication.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181202E

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181202F

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812030

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812031

Explanation: System Power Interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812032

Explanation: An error was caused by invalid arguments in SPIF.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812033

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812034

Explanation: System power interface firmware (SPIF) internal failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812035

Explanation: System power interface firmware (SPIF) internal failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812036

Explanation: The pthread_detach function has failed to detach in system power interface firmware (SPIF).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812037

Explanation: Error occurred while updating the operator (control) panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812038

Explanation: Power on/off notification failed because of bad service processor state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812039

Explanation: Power off notification by SPIF to the service processor's state manager failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181203A

Explanation: Power on notification by SPIF to the service processor's state manager failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181203B

Explanation: The pthread_cond_timedwait() call timed out on a thread condition.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181203C

Explanation: The pthread_cond_timedwait function returned an error when called from system power interface firmware (SPIF).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181203D

Explanation: The error log is returned by SPIF when a queue is full.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181203E

Explanation: This error log is used by SPIF when the queue is empty.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181203F

Explanation: One of the two input parameters is NULL. The SPIF server cannot function without these parameters.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812040

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812041

Explanation: An internal function call has failed in SPIF.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812042

Explanation: The SPIF client failed to send a message to the SPIF server.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812043

Explanation: An internal function call has failed in SPIF.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812044

Explanation: Unexpected data were detected by SPIF.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812045

Explanation: An internal function call has failed in SPIF.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812046

Explanation: An internal function call has failed in SPIF.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812047

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812048

Explanation: System power interface firmware (SPIF) internal error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812049

Explanation: Power-related function failed in SPIF

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181204A

Explanation: A system power interface firmware (SPIF) command failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181204B

Explanation: System power interface firmware (SPIF) communication error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812101

Explanation: REMP initialization failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812102

Explanation: Memory allocation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812103

Explanation: A failure occurred when creating a thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812104

Explanation: A system call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812105

Explanation: A system call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812106

Explanation: A system call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812107

Explanation: An invalid parameter was passed to a function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812108

Explanation: Unable to create a message queue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812109

Explanation: An invalid command was received from an RPC device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181210A

Explanation: The message had an invalid function ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181210B

Explanation: A call returned a time-out condition, but no time-out was specified.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181210C

Explanation: The file descriptor that was expected was not set after the system call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181210D

Explanation: The CDAL call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181210E

Explanation: Unable to insert the initial events into the queue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181210F

Explanation: An error occurred when removing a message from the queue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812110

Explanation: An error log was committed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812111

Explanation: The power lock error log was committed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812112

Explanation: The netc close operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812113

Explanation: An error from the event manager was committed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812114

Explanation: Unable to create a token queue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812115

Explanation: Unable to insert tokens into the token queue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812116

Explanation: The number of threads exceeded the maximum.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812201

Explanation: An error occurred when the power lock (PLCK) interface was opening the lock data file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812202

Explanation: The power lock (PLCK) interface experienced an error when unlocking or closing the lock data file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812203

Explanation: The power lock interface experienced an error when initializing the header of the lock data file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812204

Explanation: Failed to read a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812205

Explanation: An error occurred when the power lock (PLCK) interface was reading the lock data file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812206

Explanation: An error occurred when the power lock (PLCK) interface was updating the lock data file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812207

Explanation: The power lock (PLCK) interface experienced an error while trying to read the lock data file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812208

Explanation: The power lock (PLCK) interface experienced an error while trying to write to the lock data file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812209

Explanation: The power lock (PLCK) interface was not able to read the lock data file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181220A

Explanation: An invalid pointer was passed into a function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181220B

Explanation: An invalid parameter was passed into a function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181220C

Explanation: The power state of the system was not valid for the IPL lock that was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181220D

Explanation: The power lock (PLCK) interface could not determine the current power state of the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181220E

Explanation: Failed to open and lock the lock data file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181220F

Explanation: Failed to close or unlock the power lock lock data file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812210

Explanation: A firmware component has used the power lock (PLCK) interface incorrectly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812211

Explanation: A firmware component has tried to use the power lock (PLCK) interface incorrectly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812212

Explanation: A firmware component has used the power lock (PLCK) interface incorrectly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812213

Explanation: An error occurred when the power lock (PLCK) interface was allocating memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812214

Explanation: The power lock (PLCK) interface experienced a threading error

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812215

Explanation: An error occurred when removing the lock from the lock data file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812216

Explanation: The firmware component that requested the unlock operation did not have a lock on the lock data file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812218

Explanation: The requested IPL has been blocked by the power lock (PLCK) component. The IPL will proceed when the lock has been released.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812219

Explanation: A value passed into a function was out of range.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181221A

Explanation: The power lock (PLCK) interface received an immediate IPL request and bypassed any existing power locks.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181221B

Explanation: The state manager (SMGR) firmware component has rejected an IPL request made by the power lock (PLCK) interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181221C

Explanation: A power IPL has already been requested and queued by the power lock (PLCK) interface. Therefore, this IPL request will be rejected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181221D

Explanation: Failed to send a power-on event to the panel for the requested IPL.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181221E

Explanation: Failed to send a power-off event to the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181221F

Explanation: The power lock (PLCK) process did not initialize correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812220

Explanation: The power lock (PLCK) process was did not initialize correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812221

Explanation: An invalid argument was passed into the timer thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812222

Explanation: The power lock (PLCK) process received an unexpected signal.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812223

Explanation: The power lock (PLCK) interface experienced a threading error

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812224

Explanation: A power IPL was already in progress, so another IPL lock could not be created.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812225

Explanation: The power lock (PLCK) interface could not determine if a power on or power off was in progress.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812226

Explanation: Failed to write a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812227

Explanation: The power lock (PLCK) interface experienced an error when indicating that a power IPL was started.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812228

Explanation: The power lock (PLCK) interface was unable to determine the current firmware state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812229

Explanation: Failed to read a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181222A

Explanation: A firmware component has used the power lock (PLCK) interface incorrectly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181222B

Explanation: The power lock (PLCK) interface was not able to determine the size of the lock data file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181222C

Explanation: The power lock (PLCK) interface experienced a problem while determining how much time has elapsed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181222D

Explanation: Failed to read a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181222E

Explanation: The power-on request cannot be processed because the system has not been granted the appropriate permission by the IPMI component.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181222F

Explanation: The original IPL request has been mapped to an APOR IPL type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812230

Explanation: Failed to read apor/armed from the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812231

Explanation: An invalid parameter passed into the function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812232

Explanation: Failed to read a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812233

Explanation: Failed to read a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812235

Explanation: Call to client API returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812301

Explanation: An unexpected signal was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812302

Explanation: A fork operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812305

Explanation: The function received less data than it was expecting.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812306

Explanation: A synchronization failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812307

Explanation: A registry read failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812308

Explanation: A registry write failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812309

Explanation: Failed to build a constructor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181230A

Explanation: Failed to get an SRC.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181230C

Explanation: An error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181230D

Explanation: An error occurred in an event monitor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181230E

Explanation: A daemon was not ready.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181230F

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812310

Explanation: PLCK returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812312

Explanation: A bad return code was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812313

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812314

Explanation: The secondary service processor (or system controller) did not reach standby within the allotted time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812401

Explanation: Failed to read the wake-on-LAN policy from the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812402

Explanation: Failed to read the service processor role from the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812403

Explanation: Failed to read the system operation mode from the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812404

Explanation: Failed to read the service processor device driver level from the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812405

Explanation: Failed to write the wake-on-LAN policy to the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812406

Explanation: Failed to get the p0 file path from the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812407

Explanation: Failed to read svpd/WakeOnLAN from the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812410

Explanation: An error occurred when activating the wake-on-LAN hardware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812411

Explanation: An error occurred when deactivating the wake-on-LAN hardware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812420

Explanation: Wake-on-LAN is not supported.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812421

Explanation: Wake-on-LAN is not supported on this system because there is no Ethernet card.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812422

Explanation: The value of the wake-on-LAN policy is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812423

Explanation: Failed to get the current power state of the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812424

Explanation: Failed to get the current wake-on-LAN policy.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812425

Explanation: Failed to get the MAC address from VPD.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812426

Explanation: Failed to determine from VPD whether wake-on-LAN is supported.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812427

Explanation: Wake-on-LAN is not supported on the secondary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812428

Explanation: Failed to get the status of a FRU from VPD.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812429

Explanation: Failed to get the maximum number of field replaceable units (FRUs) from vital product data (VPD).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812430

Explanation: Failed to start the wake-on-LAN process.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812431

Explanation: Failed to create the process synchronization file for the wake-on-LAN process.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812432

Explanation: Another wake-on-LAN process was already running.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812433

Explanation: Failed to power on the system via wake-on-LAN.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812434

Explanation: An error occurred while processing the wake-on-LAN interrupt.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812435

Explanation: An error occurred while waiting for the wake-on-LAN interrupt.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812440

Explanation: Failed to wait for the requested state of the wake-on-LAN interrupt.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812441

Explanation: Failed to set the general purpose I/O pin to the appropriate level.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812442

Explanation: Failed to close the general purpose I/O device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812443

Explanation: Failed to open the general purpose I/O device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812450

Explanation: Failed to shift the data into the target chip via the JTAG device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812451

Explanation: Failed to lock the JTAG device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812452

Explanation: Failed to close the JTAG device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812453

Explanation: Failed to open the JTAG device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18124A0

Explanation: Failed to initialize an asynchronous input/output control block.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18124A1

Explanation: Failed to create the context for an asynchronous input/output device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18124A2

Explanation: Received the wrong number of asynchronous input/output control blocks from the AIO device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18124A3

Explanation: Submitted the wrong number of asynchronous input/output control blocks to the AIO device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18124A4

Explanation: Failed to delete the asynchronous input/output control block from memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18124A5

Explanation: Failed to delete the context for an asynchronous input/output device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18124B0

Explanation: Failed to drive the input/output pin to the correct level.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18124B1

Explanation: Failed to close the general purpose input/output device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18124B2

Explanation: Failed to open the general purpose input/output device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18124B3

Explanation: Failed to initialize the general purpose input/output events.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18124C0

Explanation: Failed to shift data into the target chip via the JTAG device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18124C1

Explanation: Failed to lock the JTAG device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18124C2

Explanation: Failed to close the JTAG device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18124C3

Explanation: Failed to open the JTAG device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812600

Explanation: A vital product data (VPD) error occurred.

Response: Use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812601

Explanation: An internal error occurred when processing a request in TMGT

B1812602

Explanation: The sensors could not be read due to thermal monitoring being disabled

B1812603

Explanation: The processor FRU RID is not present in the TMGT configuration tables

B1812605

Explanation: The alert level is invalid

B1812606

Explanation: The domain is invalid

B1812607

Explanation: The o_throttlePowerArray is NULL.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812609

Explanation: Command to POWR via SPIF failed

B181260A

Explanation: Request to CHIC/PRD failed

B181260E

Explanation: When the processors were being polled about their utilization levels, at least one processor returned an invalid status.

B181260F

Explanation: The processor card's thermal index is invalid, or the function is not supported

B1812611

Explanation: Invalid chip number

B1812612

Explanation: Invalid message size

B1812613

Explanation: GPIO read failure

B1812614

Explanation: Registry read operation failure

B1812615

Explanation: A TPMF failure was logged during a reset.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812616

Explanation: A critical error occurred on the thermal/power management device (TPMD); it is being disabled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812617

Explanation: There was a TPMD download failure in state 3.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812618

Explanation: An I2C send failure was logged.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812619

Explanation: A checksum failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181261A

Explanation: TPMF communications was not established, or an unsupported application was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181261B

Explanation: The TPMF failed to respond.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181261C

Explanation: The TPMF response has an invalid length.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181261D

Explanation: An error was created by the thermal/power management device (TPMD).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181261E

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181261F

Explanation: The I2C interface controller failed to enable the I2C interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812620

Explanation: chicReserve failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812621

Explanation: chicRelease failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B1812622 • B181262E

callouts detailed with the SRC to determine service actions.

B1812622

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812623

Explanation: An invalid thermal throttle value was passed in set command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812624

Explanation: The get throttle status command was not sent because there was no communication to the TPMF.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812625

Explanation: Received zero entries back from chicGetCoreStatus call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812626

Explanation: "IPMI Throttle Watts" call failed when getting the maximum power cap.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812627

Explanation: A failure occurred when trying to get a common card identification number (CCIN).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812628

Explanation: Safe mode is complete.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812629

Explanation: The thermal and power management firmware (TPMF) is not in a good state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181262B

Explanation: The mode will not be changed - already in nominal mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181262C

Explanation: Unable to write the current power cap value to a registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181262D

Explanation: Mnfg mode is enabled and TPMF is oversubscribed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181262E

Explanation: The get throttle status command was not sent because TPMD is being downloaded.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181262F

Explanation: The mode will not be changed - already in nominal mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812630

Explanation: A failure occurred when trying to change the memory controller mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812631

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812632

Explanation: Unable to calculate the system's ideal clock speed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812633

Explanation: Failed to get into the active state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812634

Explanation: The frequency change was canceled due to failures to read the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812635

Explanation: A TPMF voltage change timed out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812636

Explanation: Unable to calculate the system's ideal clock speed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812637

Explanation: The mode change that was required for concurrent maintenance failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812638

Explanation: Informational message: the mode change was successful.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812639

Explanation: When the thermal and power management firmware (TPMF) was polling for the utilization of each processor, no functional processor cores were found. At least one should have been found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181263A

Explanation: An error occurred when trying to acquire an I2C bus lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181263B

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181263E

Explanation: An error occurred while parsing the power definitions file

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812644

Explanation: Memory throttle failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812647

Explanation: Fidle disable failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181268A

Explanation: Changing to a new state or mode is not supported.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181268B

Explanation: There was an error writing the new TPMF state to the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18126B9

Explanation: Powercap calculation and distribution have been completed

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812701

Explanation: An invalid voltage control command was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812702

Explanation: The daemon received a message with an invalid function field.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812707

Explanation: The POWR server wasn't ready for the command it was sent.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181270E

Explanation: The daemon received a request while running on the secondary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18127C0

Explanation: The "power off unit" command failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812801

Explanation: An internal error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812802

Explanation: A secondary error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812803

Explanation: The array depth was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812804

Explanation: Non-terminated input was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812805

Explanation: The input was null.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812806

Explanation: The input was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812809

Explanation: The instance was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A00

Explanation: This is a general TPMD (thermal/power management device) firmware SRC. See the callouts to determine the service actions.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A01

Explanation: This is an informational SRC; no service actions are required. It indicates that the system made a periodic call home with system power and thermal information.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A02

Explanation: This is an informational SRC; no service actions are required. It indicates that the TPMD (thermal/power management device) is about to be reset.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A03

Explanation: A communication failure between the TPMD (thermal/power management device) and the service processor occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A04

Explanation: This is an informational SRC; no service actions are required. It indicates that thermal data was logged.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A05

Explanation: This is an informational SRC; no service actions are required. It indicates that a power supply event was detected.

B1812A06 • B1812A60

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A06

Explanation: Failure to hold a hard power cap.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A10

Explanation: The TPMD (thermal/power management device) was unable to enforce thermal limits on a processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A11

Explanation: The TPMD (thermal/power management device) failed to communicate with a processor over the I2C bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A12

Explanation: The TPMD (thermal/power management device) detected a failure of a processor due to a timeout on special wake-up, reaching the voltage target, waiting for PMC idle, or changing frequency.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A13

Explanation: All DTS (digital thermal sensor) temperatures read from a processor core were zero.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A20

Explanation: There was a thermal failure logged against a VRM (voltage regulator module).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A21

Explanation: The TPMD (thermal/power management device) failed to communicate with a VRM (voltage regulator module) over the I2C bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A30

Explanation: There was a thermal failure logged against a memory DIMM.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A40

Explanation: The TPMD (thermal/power management device) was unable to enforce thermal limits on a memory controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A50

Explanation: The TPMD (thermal/power management device) was unable to enforce thermal limits on a GX hub.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A60

Explanation: Throttling occurred in nominal or turbo mode due to a thermal limit being reached on a processor, memory DIMM, or memory controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A61

Explanation: Throttling occurred in nominal or turbo mode due to the bulk power limit being reached with both power supplies good.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A70

Explanation: The TPMD (thermal/power management device) failed to communicate with a DCA (distributed converter assembly).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A80

Explanation: A communication error between a processor and the QVRM was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A82

Explanation: An IO hub to DCCA communication failure occurred. One of the DCCAs is not present, is defective, or has lost power.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812A90

Explanation: The TPMD (thermal/power management device) detected an A/D (analog to digital) calibration failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812AA0

Explanation: A communication failure over the I2C bus to the I/O chip was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1812AA1

Explanation: A timeout failure of the I/O chip was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813002

Explanation: Code update was busy.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813003

Explanation: A failure occurred when reading a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813004

Explanation: A failure occurred when writing a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813005

Explanation: An error occurred when getting data from a registry variable.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813006

Explanation: Unable to set a registry variable.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813007

Explanation: The system firmware installation image is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813008

Explanation: The system firmware installation image is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813009

Explanation: There is at least one part of the firmware in the specified flash that is corrupted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181300A

Explanation: A problem was encountered during system firmware installation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181300B

Explanation: The process that started firmware update is not the process that is requesting that the firmware update be ended.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181300D

Explanation: An attempt was made to write the registry data, but it had already been written.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181300E

Explanation: A flash side other than temporary (T) or permanent (P) was specified.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181300F

Explanation: Informational message: Firmware update is attempting to update the P side of the firmware flash.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813010

Explanation: The system firmware installation image is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813011

Explanation: A system call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813012

Explanation: Firmware image module does not exist .

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813013

Explanation: A firmware update module did not exist.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813014

Explanation: Firmware installation was not allowed due to a limitation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813015

Explanation: Unable to request a power lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813016

Explanation: The system firmware installation image is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813017

Explanation: The buffer provided is too small to store the data and header information.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181301F

Explanation: A firmware installation was attempted the side from which the system was booted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813020

Explanation: An attempt was made to installation the system firmware on the flash side with the good image when the other flash side has a bad image. This is prohibited; otherwise, both sides could become corrupted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813022

Explanation: After the firmware was installed, the newly-installed firmware was found to be corrupted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813023

Explanation: Failed to execute cupdLidValidation()

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813025

Explanation: A request was made to installation a file beyond the file's size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813028

Explanation: There was a problem with the flashing of the firmware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813029

Explanation: An invalid component ID was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181302A

Explanation: A firmware installation code module was being modified, when another modify request was received. The request was denied.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181302B

Explanation: The digital signature does not match the expected value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181302D

Explanation: Informational message: A firmware installation was successfully performed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813030

Explanation: An invalid code installation type was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813031

Explanation: A data file was sent with the incorrect header format.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813034

Explanation: The power state is invalid. Firmware update from the HMC is only allowed when the managed system is at standby or running.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813035

Explanation: The file offset that was specified exceeded the file size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813036

Explanation: A request has been received to abort the flash update.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813038

Explanation: An error was detected while creating an event manager object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813039

Explanation: Unable to create a thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181303A

Explanation: The wrong firmware image was sent to the service processor to be flashed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181303B

Explanation: This indicates that the service processor no longer has the power lock (that is refreshed by the HMC) during a firmware update because it has rebooted for some other reason.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181303D

Explanation: The data is not correct.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181303E

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181303F

Explanation: Reading a file failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813043

Explanation: The data necessary to store a certain type of information is not the correct size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813044

Explanation: An invalid system firmware flash installation file was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813045

Explanation: Unable to find the keyword that indicates the bank ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813047

Explanation: The code update policy cannot be changed due to an inband update.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181304F

Explanation: The hardware management console (HMC) requested an invalid operation, or an operation that is no longer supported.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813050

Explanation: An unknown signal was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813061

Explanation: A system call returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813072

Explanation: Setting CTX from the registry failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813088

Explanation: Failure when opening a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813097

Explanation: Mirroring of volumes failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813098

Explanation: Set "no updates allowed" policy on a node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B1813099 • B181310A

callouts detailed with the SRC to determine service actions.

B1813099

Explanation: Unable to obtain a firmware module's cyclic redundancy check (CRC) value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181309A

Explanation: The stat command failed on a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181309B

Explanation: A system call returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181309F

Explanation: Reading a file failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813101

Explanation: The operation failed to create a thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813104

Explanation: Generic network communication failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813105

Explanation: Network communication receiving failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813106

Explanation: Generic network communication failure closing a connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813107

Explanation: Failure to establish communication pipe to the error log server.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813108

Explanation: The operation to talk to the hypervisor failed, and will be retried.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813109

Explanation: Generic failure writing data to the file system; possible file system problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181310A

Explanation: Generic read failure of data on the current stream.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181310B

Explanation: The operation to expand an error log failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181310E

Explanation: The operation to read the manufacturing policy flags failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813111

Explanation: The operation to read via the error log server pipe failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813112

Explanation: An event caught by the error log server was found to have an incorrect data length.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813113

Explanation: The operation to notify the system of a new error log entry has failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813114

Explanation: The operation to collect error logs that were committed prior to the error log server being fully initialized has failed; possible file system problems.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813116

Explanation: The change of state failed for the given entry ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813117

Explanation: Input data was found to be corrupted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813119

Explanation: The operation to assign a unique entry ID failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181311A

Explanation: The operation to turn on the platform service indicator failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181311B

Explanation: The error log operation failed due to an invalid section header ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181311C

Explanation: The error log operation failed due to the section size being invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181311D

Explanation: The error log operation failed due to an invalid section version.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181311E

Explanation: The operation failed due to an invalid section count in the section header.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181311F

Explanation: Generic network communication failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813120

Explanation: The error log server detected an unrecognized signal.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813121

Explanation: The current operation failed due to invalid data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813122

Explanation: The error log file system detected a possible problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813123

Explanation: Operation to call home has failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813125

Explanation: The error log server failed to initialize its file system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813126

Explanation: The operation to format the error log file system failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813127

Explanation: The error log server has been fully initialized; informational only; no action required.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813129

Explanation: The error log server received a syslog message which requires attention.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181312A

Explanation: The current operation failed due to the current Linux system call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181312B

Explanation: The operation to unload the file headers into the error log file system failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181312C

Explanation: The operation failed due to the secondary service processor not responding during the allotted time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181312D

Explanation: Failed to initialize the P3 statistics file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181312E

Explanation: The error log server detected a possibly fatal hardware error in the service processor flash.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181312F

Explanation: The error log server detected a possibly fatal hardware error in the service processor flash.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813130

Explanation: The data synchronization thread on the error logging server was not started.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813131

Explanation: The data sync thread was cancelled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813132

Explanation: The role c hanged

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813133

Explanation: The event monitor detected that the sibling service processor's (or system controller's) state changed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181313E

Explanation: A generic unknown failure was received; current error log operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813201

Explanation: A bad command argument was passed to IPLP.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813202

Explanation: The argument after "iplp speed_override" is missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813203

Explanation: The argument after "iplp speed_override" was invalid in a command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813204

Explanation: iplp_process_msg received an invalid operation code.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813205

Explanation: Invalid number of arguments in a command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813206

Explanation: An error occurred reserving the iplpInterface semaphore.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813207

Explanation: An iplp application received a signal.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813208

Explanation: A side-switching boot is not allowed for the given CcIplType.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813209

Explanation: A side-switch reboot failed; firmware is not valid on the new NextSide.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813217

Explanation: Invalid data was received for SysClickToAcceptState.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813218

Explanation: Invalid data received for NextPlatformIplSide.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813219

Explanation: Invalid data received for NextSystemIplMode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181321A

Explanation: Invalid data received for NextPlatformIplSpeed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181321B

Explanation: Invalid data received for NextPlatformIplSpeedOverride.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181321C

Explanation: Invalid data received for NextHypervisorIplState.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181321D

Explanation: Invalid data received for NextRpaPartitionIplMode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181321E

Explanation: Invalid data received for NextCecLmbSize.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813221

Explanation: The iplpRegMon daemon discovered that the P2 registry was recently cleared, and all entries were set back to default values. Some customer settings may have been lost. If the P2 registry was not intentionally cleared, it's possible that there's a firmware or hardware problem with the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813222

Explanation: The iplpRegMon daemon could not get the lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813223

Explanation: A task failed to fork.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813224

Explanation: The service processor was rebooted due to invalid registry data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813226

Explanation: The interface that was called is not supported in the current context.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813228

Explanation: A side-switching IPL is needed, but the firmware on the secondary service processor is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813229

Explanation: The argument after 'iplp set_maxiplspeed' is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181322A

Explanation: The argument after 'iplp set_maxiplspeed' is missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181322B

Explanation: The service processor is no longer booting in hyperboot.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181322C

Explanation: Informational message: The IPL speed was changed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181322D

Explanation: A firmware installation was done, so the next system boot will not be in hyperboot.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181322F

Explanation: The hypervisor's IPL state was modified.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813302

Explanation: An internal service processor time-of-day process did not complete successfully.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813306

Explanation: Invalid data was received by an service processor time-of-day function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813307

Explanation: An attempt was made to set the service processor's time-of-day when the service processor was not at standby.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813308

Explanation: A service processor device driver returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813309

Explanation: An error occurred while reading time-of-day function parameters from service processor storage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181330A

Explanation: An error occurred while writing to the service processor time-of-day clock. Install all server firmware updates before any hardware is replaced.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181330B

Explanation: An error log could not be properly constructed by the time-of-day process.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181330D

Explanation: The service processor time-of-day process encountered a fatal error and had to be restarted. Install all server firmware updates, if available, before any hardware is replaced.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181330F

Explanation: An error was returned from the real time clock ADAL.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181331C

Explanation: An invalid time-of-day operation request was received by the service processor, most likely from the HMC.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813322

Explanation: An internal service processor process could not get exclusive access to resources that were needed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813323

Explanation: An internal service processor time-of-day process failed to start.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813326

Explanation: An internal service processor time-of-day process failed to start.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813327

Explanation: An error occurred while the hypervisor was attempting to set the service processor's time-of-day clock. This is a temporary error that may indicate that the command took too long to process and had to be repeated.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181332A

Explanation: An internal service processor time-of-day process failed to start.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1813403

Explanation: Failure trying to fork the smgrinit process.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813406

Explanation: Unable to allocate storage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813407

Explanation: Unable to write MSQueue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813409

Explanation: A state transition requested by the user or system was rejected because transitioning from the current state to the requested state is not supported. State transitions are generated by both the system and user as a part of boot sequences, service processor failover, service processor reset/reload and a system failure (checkstop, TI, termination).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181340A

Explanation: Terminate request was received from non-CTRM.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181340C

Explanation: Registry size to data mismatch.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B181340D • B1813423

callouts detailed with the SRC to determine service actions.

B181340D

Explanation: Registry data incorrect

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181340E

Explanation: Registry read failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181340F

Explanation: Registry write failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813410

Explanation: Call to a service processor initialization routine failed

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813411

Explanation: Read in do_dump failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813413

Explanation: The state manager's state was set to invalid.

B181341A

Explanation: Smgrinit has failed to open /proc/reset/.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181341C

Explanation: Smgrinit has failed to decode the reset values.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181341D

Explanation: Smgrinit has failed to build the message queue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181341E

Explanation: The system was powered on with service processor failover disabled, even though a functional secondary service processor is installed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813421

Explanation: There was an error synchronizing the trans handler and request handler threads with a message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813422

Explanation: Bad message passed to trans handler thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813423

Explanation: Error reading data from internal mapfile data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813425

Explanation: The request to reboot the service processor was returned or it failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813426

Explanation: Incorrect map data, or no map data, for the IPL request type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181342A

Explanation: A parameter was out of range.

B181342B

Explanation: Reading the MNFG flag for reset/reload failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813430

Explanation: Smgr client library has been passed a bad parameter.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813431

Explanation: Smgr client lib has detected an external error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813433

Explanation: Smgr client lib has failed to synchronize with server.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813436

Explanation: Validation of the persistent control storage failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813438

Explanation: A power cycle reset request was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813440

Explanation: A counter's time stamp was incorrect.

B1813442

Explanation: A time-out occurred while waiting to unlock the file so that it could be read.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813443

Explanation: There was an error reading the specified file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813444

Explanation: The exec to run the command to reboot all node controllers failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813445

Explanation: Unable to get a valid value from a function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813446

Explanation: The exec to run the command to reboot all node controllers failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813447

Explanation: The system finished booting and found the primary is already in termination state. This will cause the redundant service processor to be terminated. Obtain the FSPDUMP from both service processors.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813450

Explanation: A sub-segment (transition file script) of the boot process (power on, power off, or a recovery action like fail-over or reset/reload) was hung and timed out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181345E

Explanation: Call to a service processor initialization routine failed

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813463

Explanation: An unsupported level of system firmware has been detected. Go to Fix Central Web site at <http://www.ibm.com/support/fixcentral/> for the recovery procedure documented in the latest firmware description file for your machine type and model, or contact next level of support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813502

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813503

Explanation: There was an error opening the sys entry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813504

Explanation: error returned from exchangeBootSide()

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813505

Explanation: error returned from exchangeFspIPLType()

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813506

Explanation:

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813513

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813514

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813515

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813516

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813517

Explanation: An error was returned when trying to connect to the sibling service processor or system controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813518

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813519

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181351A

Explanation: When checking the guard state, the sibling service processor or system controller was found to be guarded out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181351B

Explanation: The response from the machine-type, model, and serial number exchange was empty.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181351C

Explanation: An error occurred when attempting to create an address object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181351D

Explanation: An error occurred when attempting to create an address object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181351E

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181351F

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813520

Explanation: There was an error when reading the service processor's state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813521

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813522

Explanation: Error returned from goodPathRelationDetermination()

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813523

Explanation: Error returned from sibling when requesting that he sets up his role

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813524

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813525

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813526

Explanation: An unsupported command was received from the sibling service processor or system controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813527

Explanation: The response from the secondary service processor contains no data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813528

Explanation: Error returned from setAddressObj()

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813529

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181352A

Explanation: Error returned from setSiblingState()

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181352B

Explanation: Error returned from an information exchange function

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181352C

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181352D

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181352E

Explanation: An error was returned when attempting to switch sides.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181352F

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813530

Explanation: A sibling was detected, but the communication lines broke down, and the error threshold was exceeded.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813531

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813532

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813533

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813534

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813535

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813536

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813537

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813538

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813539

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181353A

Explanation: The data read from the I/O multiplexor did not equal the data written.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181353B

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181353C

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181353D

Explanation: Error returned from `rdal_fsi_ffdc_extract()`

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181353E

Explanation: An error was returned from the role determination object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181353F

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813540

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813541

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813542

Explanation: Undefined data was received from the sibling service processor or system controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813543

Explanation: There was an error returned from a utility when getting data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813544

Explanation: An error occurred when reading data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813545

Explanation: Undefined position data was read.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813546

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813548

Explanation: A call was made to set the error number.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813549

Explanation: An undefined sibling state was passed into a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181354A

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181354B

Explanation: There was an error when reading the service processor's state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181354C

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181354D

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181354F

Explanation: Timed out waiting for GPIO device to appear

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813550

Explanation: An artificially injected error used for debugging

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813551

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813552

Explanation: An error was returned when trying to read a keyword.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813553

Explanation: There was an error when reading the service processor's state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813554

Explanation: The amount of data that was read was not expected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813555

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813556

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813557

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813558

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813559

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181355B

Explanation: Error returned from `adal_mbx_open()`

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181355C

Explanation: There was an error in the data received from the sibling service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181355D

Explanation: There was an error in the call to another firmware component interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181355E

Explanation: There was an error when reading 1 byte from the SYS entry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181355F

Explanation: There was an error in opening the sys entry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813560

Explanation: Error returned from rdal_iomux_seek()

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813561

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813562

Explanation: There was an error in the call to another component interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813563

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813564

Explanation: Error returned from rdal_iomux_query_state()

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813565

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813566

Explanation: A command to start VPD sync returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813567

Explanation: A n error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813568

Explanation: setsockopt system call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813569

Explanation: The getsockopt system call returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813570

Explanation: The rdal_jtag_shift_cmd interface for JTAG returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813571

Explanation: The rdal_jtag_shift_data interface for JTAG returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813572

Explanation: The `rdal_gpio_write_pin` interface returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813573

Explanation: The `rdal_gpio_open` interface returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813574

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813575

Explanation: The `rdal_jtag_open` interface returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813576

Explanation: An error was returned while waiting for JTAG-lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813577

Explanation: The `rdal_gpio_open` interface returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813578

Explanation: An error was returned from `rdal_gpio_set_mode`.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813579

Explanation: The `ppcdbg_open_jtag` interface for JTAG returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181357A

Explanation: An error was returned from an interface to the sibling service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181357B

Explanation: An error was returned from an interface to the sibling service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181357C

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181357D

Explanation: An error was returned from an interface to the sibling service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181357E

Explanation: An error was returned from an interface to the sibling service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181357F

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813580

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813581

Explanation: An error was returned when setting up or triggering a kernel panic.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813582

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813583

Explanation: An error occurred when trying to read the sibling service processor's scratch pad register.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813584

Explanation: There was an error when writing to the mailbox.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813585

Explanation: An error occurred when setting up or reading the cable ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813586

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813587

Explanation: There was an error when closing the FSI device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813588

Explanation: Vital product data (VPD) collection was disabled because of previous VPD collection failures.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813589

Explanation: Data of incorrect length was read from the VSRC block.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181358A

Explanation: An error was returned from an open command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181358B

Explanation: An error was returned from a seek command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181358C

Explanation: An error was returned from a write command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181358D

Explanation: An error was received when trying to write a trace file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181358E

Explanation: An error was returned from a write command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181358F

Explanation: There was an error when checking the I/O multiplexer state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813590

Explanation: Timed out waiting for the GPIO device to appear.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813591

Explanation: There was an error when collecting the system VPD when known to own local bus zero.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813593

Explanation: An error was returned from util when opening the position file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813594

Explanation: The position file does not exist.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813595

Explanation: An error occurred when reading the position file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813596

Explanation: The position file contained undefined data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813597

Explanation: An error was returned from utilreg::write.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813598

Explanation: A n error was returned from Util when closing the service processor position file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813599

Explanation: A sscanf call was made to set the error number.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181359A

Explanation: An undefined sibling state was passed into setSiblingState().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181359B

Explanation: An error was returned from utilreg::read.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181359C

Explanation: An error was returned from ReadScratchPadReg().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181359D

Explanation: An error was returned from SVPD_collect_system_vpd

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181359E

Explanation: An error was returned from ReadCableID()

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181359F

Explanation: The data read from the IOMux was not equal to the data that was written.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135A0

Explanation: An error was returned from rdal_iomux_close().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135A1

Explanation: An error was returned from rdal_iomux_ffdc_extract().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135A2

Explanation: An error was returned from rdal_fsi_ffdc_extract().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135A3

Explanation: An error was returned from the role determination object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135A4

Explanation: An error was returned from setFspRole().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135A5

Explanation: An error was returned from sendRcv().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135A6

Explanation: An error was returned from setupSibling().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135A7

Explanation: An error was returned from getCmdResponse().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135A8

Explanation: An error was returned from readNvramMTMS().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135A9

Explanation: An error was returned from CollectSystemVPD().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135AA

Explanation: An error was returned from isFSPGarded().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135AB

Explanation: An error was returned from ReadVSRCBLOCK().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135AC

Explanation: An error was returned from ReadFSPSerialNumbers().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135AD

Explanation: An error was returned from recvRoleCmd().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135AE

Explanation: An error was returned from goodPathRelationDetermination().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135AF

Explanation: An error was returned from the sibling service processor when requesting that it set up its role.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135B0

Explanation: Returned error from SingleFSP_CommFail_RoleDetermination()

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135B1

Explanation: An error was returned becomeSlave().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135B2

Explanation: An error was returned from becomeMaster().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135B3

Explanation: An error was returned from CheckVPDAndDetermineRole().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135B4

Explanation: An undefined command was received from the sibling service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135B5

Explanation: The response from the secondary service processor contained no data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135B6

Explanation: An error was returned from setAddressObj().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135B7

Explanation: An error was returned from incrementReEntrant().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135B8

Explanation: An error was returned from setSiblingState().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135B9

Explanation: An error was returned from an information exchange function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135BA

Explanation: An error was returned from dscvReadFspState().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135BB

Explanation: An error was returned from PrimarySideCheck().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135BC

Explanation: An error was returned from iplp when attempting to switch sides.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135BD

Explanation: An error was returned SecondarySideCheck().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135BE

Explanation: An error was returned from GardGetFspState().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135BF

Explanation: An error was returned when trying to connect to the sibling

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135C0

Explanation: An error was returned from GetSiblingFSISState().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135C1

Explanation: An error was returned from netsConnectServer().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135C2

Explanation: An error log entry to record the sibling service processor's status was made.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18135C3

Explanation: While making the connection to establish the handshake, the message from the sibling service processor contained no data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813603

Explanation: A function failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813608

Explanation: A host ADAL or registry failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181360C

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181360E

Explanation: An event detection failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813613

Explanation: A firmware failure caused a signal to be received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813614

Explanation: The event loop exited.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813615

Explanation: A call to chdir failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813616

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813801

Explanation: Failed to open a multiplexer configuration file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813802

Explanation: An ERC file read failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813803

Explanation: A FRU manager (FRUM) even failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813805

Explanation: Failed to fork the process.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813807

Explanation: Failed to unflatten the error log from the network message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813808

Explanation: Failed to read the path from the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813809

Explanation: Failed to read the sibling service processor's state from the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181380A

Explanation: Failed to read the service processor's role from the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181380B

Explanation: Failed to read the service processor's position from the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181380C

Explanation: Failed to write the watchdog-complete key to the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181380D

Explanation: Failed to write the configuration change key to the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181380E

Explanation: The key that was requested from the registry is not valid for this function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181380F

Explanation: Failed to set the synchronization file for the client.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813810

Explanation: Failed to synchronize with the field replaceable unit (FRU) manager server.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813811

Explanation: Failed to send a network message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813812

Explanation: Failed to receive a network message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813813

Explanation: Failed to establish communication with server.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813814

Explanation: Failed to close an open socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813815

Explanation: Failed to create the network client address object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813816

Explanation: Failed to create the network server address object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813817

Explanation: Failed to find the network address server.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1813818

Explanation: Failed to listen on the network server address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813819

Explanation: Failed to listen for a network server connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181381A

Explanation: Failed to initialize the thread attribute variable.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181381B

Explanation: Failed to set the thread attribute variable.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181381C

Explanation: Failed to create the monitor thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181381D

Explanation: Failed to lock the device list mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181381E

Explanation: An error occurred when unlocking a mutex thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181381F

Explanation: Failed to wait for the mutex conditional.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813820

Explanation: A parameter passed into a function is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813821

Explanation: An error occurred when reading from or writing to the message buffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813822

Explanation: The message type that was received is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813823

Explanation: Message flags were received that indicate this was not a response message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813824

Explanation: The message that was received does not contain data about a device from the caller list.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813825

Explanation: The ACTION environment variable was missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813826

Explanation: No ERC event sequence variable was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813827

Explanation: The DEVPATH environment variable was missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813828

Explanation: The CFAM environment variable was missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813829

Explanation: The LINK environment variable was missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181382D

Explanation: A subsystem type argument was missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181382E

Explanation: Failed to create an event manager object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181382F

Explanation: Failed to look for events from the list.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813830

Explanation: An unknown event was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813831

Explanation: Failed to send an event for CFAM.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813833

Explanation: An "add event" for a device has been received twice. This indicates a problem with hot-plug processing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813834

Explanation: A "removal event" for a device has been received twice. This indicates a problem with hot-plug processing.

Response: If this is a tracking event, no service actions

are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813835

Explanation: Failed to get a device list to validate.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813836

Explanation: An ERC validation mismatch occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813837

Explanation: There was an ERC validation mismatch.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813838

Explanation: Validation of the device list failed due to the lists being disjointed, missing primary devices, or missing backup devices.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813839

Explanation: ERC forced a device addition.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181383B

Explanation: The node that was requested is out of range.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181383C

Explanation: Failed to get the node status or device driver level.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181383D

Explanation: Failed to get the hot-plug event list, or the vector size was zero.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181383F

Explanation: Failed to guard out the secondary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813840

Explanation: The local bus grab operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813850

Explanation: The multiplexer configuration key is not valid with the sibling state change.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813851

Explanation: The actual I/O multiplexor size does not equal the saved control data size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813852

Explanation: The size was incorrect for the I/O multiplexor configuration file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813860

Explanation: Failed to extract the first-failure-data-capture (FFDC) data for the I/O multiplexor device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813861

Explanation: Failed to unlock the failure data for a multiplexer device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813862

Explanation: Failed to open a multiplexer device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813863

Explanation: Failed to close a multiplexer device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813864

Explanation: Failed to reposition the read/write offset for the multiplexer device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813865

Explanation: Failed to get the state of a multiplexer device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813866

Explanation: Failed to validate a multiplexer through a device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813867

Explanation: Failed to mark a multiplexer as **not valid** through a device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813868

Explanation: Failed to write to a multiplexer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813869

Explanation: Failed to read from a multiplexer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181386A

Explanation: Failed to get the size of a multiplexer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813870

Explanation: Failed to extract the failure data for a device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1813871

Explanation: Failed to unlock the failure data for a device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813872

Explanation: Failed to open a device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813873

Explanation: Failed to close a device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813874

Explanation: Failed to configure a communication link to a device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813876

Explanation: Failed to configure the I2C bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813877

Explanation: Failed to close the I2C device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813878

Explanation: Failed to extract the "first failure data capture" data from the I2C device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813879

Explanation: Failed to unlock the FFDC for the IIC device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181387A

Explanation: Failed to open the I2C device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813880

Explanation: Failed to extract the failure data for a device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813881

Explanation: Failed to unlock the failure data for a device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813882

Explanation: Failed to open a device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813883

Explanation: Failed to close a device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813884

Explanation: Failed to set the mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813885

Explanation: Failed to write to the output pins on the GPIO.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813886

Explanation: Failed to set the blink rate.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813891

Explanation: Configuration file size is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813892

Explanation: Configuration file key is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138A0

Explanation: Failure detected in a communication link.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138A1

Explanation: An error occurred when initializing the mutex attribute.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138A2

Explanation: An error occurred when setting the mutex attribute type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138A3

Explanation: An error was returned from a mutex thread initialization.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138B0

Explanation: An unrecovered FSI error was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138B1

Explanation: The maximum number of recovered FSI errors was reached.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138B2

Explanation: A failover could not be initiated because `rmgrBackupFailoverCapability` indicates that it is not allowed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138B3

Explanation: Failed to set the I2C bus frequency.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138B4

Explanation: A time-out occurred while waiting on the status of the devices.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138B5

Explanation: There was time-out from the devlist server.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138B6

Explanation: An invalid callout file size was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138B7

Explanation: ERC forced the configuration timer to expire.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138B8

Explanation: ERC deferred setcc; no primary service processor was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138B9

Explanation: ERC deferred setcc; local devices are missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138BA

Explanation: ERC deferred setcc; node devices are missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138BB

Explanation: Setting the primary node controller failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138C0

Explanation: An ERC RDAL SCAN failed to open.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138C1

Explanation: An ERC RDAL SCAN failed to get the pulse length.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138C2

Explanation: An ERC RDAL SCAN failed to set the pulse length.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138C3

Explanation: An ERC RDAL SCAN failed to close.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138C4

Explanation: An ERC RDAL SCAN failed to extract the FFDC (first failure data capture) information.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138C5

Explanation: An ERC RDAL SCAN failed to unlock the FFDC (first failure data capture) information.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138C7

Explanation: An ERC RDAL SCAN failed to extract the FFDC (first failure data capture) information

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138C8

Explanation: An ERC RDAL SCAN failed to get the GP1 value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138C9

Explanation: Failed to write the SCOM GP1 register.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138CA

Explanation: An ERC RDAL SCAN failed to reset.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138CB

Explanation: An ERC RDAL SCAN failed to get the arbiter.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138CC

Explanation: An ERC RDAL SCAN failed to set the arbiter.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138CD

Explanation: An ERC RDAL SCAN failed to close.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138CE

Explanation: An ERC RDAL SCAN failed to extract the FFDC (first failure data capture) information.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138CF

Explanation: An ERC RDAL SCAN failed to unlock the FFDC (first failure data capture) information.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138D0

Explanation: A netlink socket connection operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138D1

Explanation: A netlink socket send operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138D2

Explanation: A netlink socket send operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138D3

Explanation: A netlink socket receive operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138D4

Explanation: A netlink socket receive operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138D5

Explanation: A netlink socket receive operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138D6

Explanation: A netlink socket receive operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138D7

Explanation: A netlink socket receive operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138D8

Explanation: A netlink socket receive operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138D9

Explanation: A netlink socket receive operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138DA

Explanation: A netlink socket receive operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138EB

Explanation: Device not found in FSM

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18138F3

Explanation: A timeout occurred in the FRU manager component while waiting for FWSM.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813901

Explanation: Informational message: an invalid request was send to the node manager; it will be ignored.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B1813906 • B1813921

callouts detailed with the SRC to determine service actions.

B1813906

Explanation: An error occurred when getting the IP address from node controller surveillance.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813909

Explanation: The IPL is being terminated due to the loss of the primary node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181390D

Explanation: Unable to perform a node controller failover because the redundancy policy is not set to correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181390E

Explanation: Unable to perform a node controller failover because there is no node controller under surveillance.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181390F

Explanation: Unable to make node controller B primary because only node controller A is under surveillance.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813911

Explanation: Unable to make node controller A primary because only node controller B is under surveillance.

Response: If this is a tracking event, no service actions

are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813914

Explanation: Unable to send a command to the secondary service processor because it is in a bad state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813917

Explanation: An error occurred when reading a register.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813918

Explanation: There was an error due to the loss of surveillance when activating a node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813919

Explanation: A failover was made due to node correlation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813920

Explanation: Node controller correlation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813921

Explanation: Node controller correlation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813923

Explanation: An invalid parameter was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813924

Explanation: Unable to make node controller B primary because only node controller A is under surveillance.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813925

Explanation: Unable to make node controller A primary because only node controller B is under surveillance.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813926

Explanation: Unable to perform a node controller failover because there is no node controller under surveillance.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813927

Explanation: An error occurred when trying to start the FRUM configuration timer after a new node controller was discovered by the system controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813928

Explanation: An error occurred when trying to broadcast an event after a new node controller was discovered by the system controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181392A

Explanation: A request was sent to the NPL to insure that there is a functional node controller in a node.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181392B

Explanation: First failure data collection (FFDC) was done on BPH side A.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181392C

Explanation: First failure data collection (FFDC) was done on BPH side B.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181392D

Explanation: The system controller lost communication with a node controller for an extended period of time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181392E

Explanation: There was a surveillance failure of a node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181392F

Explanation: A node is present that is not under surveillance.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813930

Explanation: There are two secondary node controllers.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813931

Explanation: Only node controller A was visible to the system controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813932

Explanation: Only node controller B was visible to the system controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813936

Explanation: The interface to read node controller entries from P1 received an invalid argument.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813937

Explanation: The system controller was unable to communicate with a node controller for an extended period of time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813938

Explanation: The system controller was unable to communicate with a node controller for an extended period of time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813939

Explanation: The controller selected was not the primary.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181393B

Explanation: An invalid request to read all alerts was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181393C

Explanation: A perc signal was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181393D

Explanation: Informational message: surveillance on a node controller was turned off at the request of an external component.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181393E

Explanation: Informational message: A reboot of a node controller was requested by an external component.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181393F

Explanation: Informational message: A reboot of a node controller was requested by an external component.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813940

Explanation: Informational message: When a node controller was disabled, it was rebooted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813942

Explanation: The system controller is trying to start services on a node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813943

Explanation: The system controller did not receive a response (within the allotted time) to a ping command from the node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813944

Explanation: The system controller received bad data back after sending a ping command to a node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813945

Explanation: The system controller received bad data back after sending a ping command to a node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813946

Explanation: The system controller did not receive a response (within the allotted time) from a node controller after sending a surveillance off command to the node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1813947

Explanation: The system controller received bad data back after sending a surveillance off command to a node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813948

Explanation: The system controller received bad data back after sending a surveillance off command to a node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813949

Explanation: The system controller did not receive a response (within the allotted time) from a node controller after sending a reboot command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181394A

Explanation: The system controller received bad data back after sending a reboot command to a node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181394B

Explanation: The system controller received bad data back after sending a reboot command to a node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181394C

Explanation: The system controller did not receive a response (within the allotted time) from the node controller after sending a "hold sibling in reset command".

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181394D

Explanation: The system controller received bad data back after sending a "hold sibling in reset command" to a node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181394E

Explanation: The system controller received bad data back after sending a "hold sibling in reset command" to a node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181394F

Explanation: The system controller lost the connection to a node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813950

Explanation: The system controller did not receive a response (within the allotted time) from the node controller after trying to start services on the node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813951

Explanation: The system controller received unexpected data back from a node controller when trying to start services on the node controller.

Response: If this is a tracking event, no service actions

are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813952

Explanation: The system controller received an error message from a node controller when trying to start services on the node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813954

Explanation: The system controllers see a different number of nodes.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813955

Explanation: Node controllers that were visible during a previous boot are no longer visible.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813956

Explanation: The node controller is rebooting by request.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813957

Explanation: A time-out occurred when getting data from a node controller surveillance.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1813958

Explanation: A node controller was found with an invalid ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1813959

Explanation: Node controllers were found with pool IP addresses.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181395A

Explanation: The node controller did not become visible in time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181395B

Explanation: An error occurred when getting the IP address from the dynamic node controller list.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181395C

Explanation: The node controller was disabled by a command line request.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181395D

Explanation: The node controllers moved to the surveillance service level.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181395E

Explanation: Timed out waiting for the data from the node manager daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181395F

Explanation: A reboot of a node controller was requested by an external component.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814001

Explanation: An unknown request was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814006

Explanation: No target IP address was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181400F

Explanation: An error was received from the scandir function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814010

Explanation: An error occurred when opening the error log file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814011

Explanation: An error was received from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814012

Explanation: There was a node controller surveillance failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814013

Explanation: There was a node controller surveillance failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814015

Explanation: An error was received from the remove function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814016

Explanation: The requested trace buffer was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814019

Explanation: An error occurred when the node controller was trying to read its own node driver_name registry value. Refer to the primary SRC for additional detail.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181401A

Explanation: An error occurred when the node controller was trying to read its own role registry value. Refer to the primary SRC for additional detail.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181401B

Explanation: An error occurred when the node controller was trying to read its own node driver_name registry value. Refer to the primary SRC for additional detail.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181401C

Explanation: An error occurred when the node controller was trying to read its own role registry value. Refer to the primary SRC for additional detail.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181401D

Explanation: An error occurred when the node controller was trying to read its own role registry value. Refer to the primary SRC for additional detail.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181401E

Explanation: An error occurred when the node controller was trying to read its own role registry value. Refer to the primary SRC for additional detail.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181401F

Explanation: An error occurred when the node controller was trying to read its own node driver_name registry value. Refer to the primary SRC for additional detail.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814020

Explanation: An error occurred when the node controller was trying to read its own eth0-ip-address registry value. Refer to the primary SRC for additional detail.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814021

Explanation: An error occurred when the node controller was trying to read its own eth1-ip-address registry value. Refer to the primary SRC for additional detail.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814022

Explanation: An error occurred when the node controller was trying to read its own eth1-ip-address registry value. Refer to the primary SRC for additional detail.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814023

Explanation: An error occurred when the node controller was trying to read its own node controller-ID-address registry value. Refer to the primary SRC for additional detail.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814024

Explanation: An error occurred when the node controller was trying to read its own node controller-DD-address registry value. Refer to the primary SRC for additional detail.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814025

Explanation: An error occurred when calling the p-open function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814026

Explanation: An error occurred when setting the PRA word to zero.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814027

Explanation: An error occurred when reading the PRA word.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814028

Explanation: An error occurred when the node controller was trying to read its own role registry value. Refer to the primary SRC for additional detail.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814029

Explanation: A perc signal was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181402A

Explanation: An error occurred when calling a system function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181402D

Explanation: An error occurred when the node controller was trying write a unique error ID to the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814033

Explanation: A panic request was received from the system controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181410A

Explanation: Connect to the server failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181410B

Explanation: A error occurred on an operation that could not be retried with a communications channel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181410C

Explanation: The connection timed out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181410D

Explanation: The connection timed out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181410F

Explanation: Failed to write data to a socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814110

Explanation: Failed to read a message from the channel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1814114

Explanation: A call back failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814115

Explanation: The incoming message has no callback correlator.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814116

Explanation: There is FFDC data from the building block.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814117

Explanation: NMGR returned a failure; there is a broken link or a node does not exist.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814119

Explanation: The rmgrd daemon received a signal that was not expected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814120

Explanation: Invalid AIO parameters were passed to rdal_aio_ctx_submit.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814121

Explanation: Unable to find the proxy control block.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814122

Explanation: The context cannot be cleaned up after the submission fails.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814123

Explanation: The context cannot be cleaned up after the submission fails.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814129

Explanation: The dispatcher shutdown timed out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814130

Explanation: Writing the message to the channel failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814131

Explanation: Writing the message to the channel failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814132

Explanation: Reading the message from the channel failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814133

Explanation: Reading the message from the channel failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814134

Explanation: Unable to get the target node's IP address; the sibling service processor or the node is inactive.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814201

Explanation: RDAL reported a GPIO close failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814202

Explanation: RDAL handle failure

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814203

Explanation: An error occurred, but FFDC could not be extracted

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814204

Explanation: FFDC data was extracted, but the unlock failed

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814205

Explanation: An invalid error log was passed into an FFDC function

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814206

Explanation: An invalid RDAL object was returned from an open command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814301

Explanation: An error was detected while setting the DD level of the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814407

Explanation: Unable to initialize the address structure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181440A

Explanation: The connection to the server failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181440B

Explanation: There was a hard socket failure disconnection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181440C

Explanation: The connection timed out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181440D

Explanation: The connection is closed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181440F

Explanation: Failed to write data to a socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181460B

Explanation: An exception was encountered.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1814616

Explanation: An XREF synchronization error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1817200

Explanation: Invalid boot request

Response: Perform FSPSP02.

B1817201

Explanation: A reset/reload occurred on a service processor or system controller due to a kernel panic.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1817202

Explanation: The permanent and temporary firmware sides are both marked invalid

Response: Perform FSPSP02.

B1817203

Explanation: Error setting boot parameters

Response: Perform FSPSP02.

B1817204

Explanation: Error reading boot parameters

Response: Perform FSPSP02.

B1817205

Explanation: Boot code error

Response: Perform FSPSP02.

B1817206

Explanation: Unit check timer was reset

Response: Perform FSPSP02.

B1817207

Explanation: Error reading from NVRAM

Response: Perform FSPSP02.

B1817208

Explanation: Error writing to NVRAM

Response: Perform FSPSP02.

B1817209

Explanation: The service processor boot watchdog timer expired and forced the service processor to attempt a boot from the other firmware image in the service processor flash memory

Response: Perform FSPSP02.

B181720A

Explanation: Power-off reset occurred. FipsDump should be analyzed: Possible software problem

Response: Perform FSPSP02.

B181720B

Explanation: Link 0 is not plugged.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181720C

Explanation: No space is left on P1.

Response: Perform FSPSP02.

B181720D

Explanation: A service processor kernel panic was caused by an out-of-memory condition.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181720E

Explanation: A service processor kernel panic was caused by uncorrectable error in the flash memory on the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1817210

Explanation: A reset/reload occurred on a node controller or system controller due to a cache parity error, but the error threshold has not been exceeded. This is an informational message; no action is required.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1817211

Explanation: An error occurred on the service processor.

Response: Perform FSPSP02.

B1818104

Explanation: Registry write failed

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818107

Explanation: Wrong bus owner in the argument

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818108

Explanation: Invalid number of command line arguments

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818109

Explanation: Missing reserve ID, no argument value for --r option

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181810A

Explanation: Multiple -c arguments

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181810B

Explanation: -s option specified with -c

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181810C

Explanation: Multiple -s arguments

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181810D

Explanation: -c option specified with -s

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181810E

Explanation: Invalid command line options

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181810F

Explanation: Bad command line arguments

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818110

Explanation: No numeric input for reserve ID

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818111

Explanation: Empty numeric string for reserve ID

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818112

Explanation: Invalid character encountered in conversion.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818116

Explanation: Processor stop instruction failed

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818117

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818118

Explanation: Processor state query failed

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818204

Explanation: A requested SRC was not found in the list of SRCs.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818205

Explanation: A possible file system problem was detected when attempting to open a directory for reading.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818212

Explanation: The operation requested by an external entity was not understood.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818213

Explanation: A failure occurred when trying to read a registry key.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818214

Explanation: Invalid input data was found during an SRCI operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818215

Explanation: The size specified for the SRCI operation was inaccurate.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818216

Explanation: A generic stream failure has been detected during an SRCI operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818217

Explanation: A possible file system failure while SRCI operation attempted to create a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818218

Explanation: SRCI detected bad input data; a valid identifier byte was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818219

Explanation: SRCI received a signal it does not understand.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818301

Explanation: CTRM is already in the termination state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818302

Explanation: CTRM is already in the power-off state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818303

Explanation: ctrm currently processing a poweroff request from the SPCN

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818304

Explanation: CTRM is currently processing a request to terminate the service processor from another service processor firmware component.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818305

Explanation: Termination request to the state manager failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818307

Explanation: An error was encountered with the IPL request during the processing of a power fault.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818309

Explanation: Too many client connections were established.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181830A

Explanation: An unexpected signal was received.

Response: If this is a tracking event, no service actions are

B181830B

Explanation: Client request timeout.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181830C

Explanation: The event timed out waiting for the termination state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181830D

Explanation: An error was encountered starting the request process.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181830E

Explanation: Synchronization with client process failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818310

Explanation: A client request failed due to "server busy" condition.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1818312

Explanation: An error was encountered while receiving from socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818313

Explanation: An error was encountered when connecting to the communications server.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818316

Explanation: Failed to trace SRC.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818317

Explanation: Error reading registry entry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818318

Explanation: Error updating registry entry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818319

Explanation: The firmware state was not reset.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181831A

Explanation: No error log passed to the CTRM client library.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181831C

Explanation: Unable to retrieve the embedded SRC from the error log.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181831D

Explanation: Error processing client request.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181831E

Explanation: Error processing client request.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818320

Explanation: CTRM server error binding to socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818321

Explanation: Error while attempting to obtain a lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818322

Explanation: CTRM server error when canceling client request processing threads.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B181833B • B181834B

callouts detailed with the SRC to determine service actions.

B181833B

Explanation: An invalid request was received. No operation was performed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181833C

Explanation: A failure occurred when updating a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181833D

Explanation: Processing was terminated on the secondary.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181833F

Explanation: `gardCheckFailoverCapable()` returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818341

Explanation: Invalid error log object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818343

Explanation: There was an error when connecting to the network.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818344

Explanation: Invalid Errorlog object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818345

Explanation: The sending of a CTRM client request to the server failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818346

Explanation: The sending of a CTRM client request to the server failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818347

Explanation: Synchronization with CTRM server failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181834A

Explanation: The client failed to retrieve the P0 root path.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181834B

Explanation: Termination failed without failover.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181834F

Explanation: A function in the firmware has called another function without an error handle.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818360

Explanation: rmgrNotifySibling() FAILED

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818361

Explanation: Unable to read a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818362

Explanation: An error was returned from trying to clear the dscv role lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818401

Explanation: There was an error in selecting the socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818402

Explanation: There was an error in "SSL listen".

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818403

Explanation: There was an error in the bind operation for UNIX.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1818404

Explanation: There was an error in the bind operation for SSL.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818405

Explanation: There was an error when accepting a UNIX connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818406

Explanation: An error occurred when opening a vtty session.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818407

Explanation: There was an error in accepting a TCP/IP connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818409

Explanation: An error occurred when creating the unique key for the message queue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181840A

Explanation: An error occurred during message queue creation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181840B

Explanation: An error occurred when queueing messages.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181840C

Explanation: There was an error in the "receive message" queue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181840D

Explanation: An error occurred when deleting the old message queue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181840E

Explanation: An error occurred when creating the inbound thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181840F

Explanation: An error occurred in the inbound connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818410

Explanation: An error occurred when receiving outbound messages.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818411

Explanation: An error occurred when calling a routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818412

Explanation: There was an error in "receive message".

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818414

Explanation: An error occurred sending a message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818415

Explanation: An error occurred when deleting the old message queue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818416

Explanation: The maximum number of socket connections for TCP clients was reached

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818418

Explanation: An error occurred in the address creation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818419

Explanation: An error occurred when closing the inbound socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181841C

Explanation: There was an error in deleting the message queue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181841D

Explanation: Unable to remove the previous mount.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181841E

Explanation: A failure occurred when reading a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181841F

Explanation: An error occurred when writing to a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818420

Explanation: There was an error when closing the vtty.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818421

Explanation: Unable to activate the user configuration set up file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818422

Explanation: A NETS script was executed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818423

Explanation: An error occurred when writing the system name.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818424

Explanation: An invalid name was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818425

Explanation: A failure occurred when setting the user password.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818426

Explanation: A failure occurred when validating the password.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818427

Explanation: An error occurred in the initial set up of the out bound remote thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818428

Explanation: An error occurred when killing a thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818429

Explanation: An error occurred in SSL for a remote message object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181842A

Explanation: An error occurred when requeueing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181842B

Explanation: The kill operation was called; the virtual TTY (VTTY) server will close.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181842C

Explanation: An error occurred when deleting the old message queue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181842D

Explanation: An error occurred when creating a process thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181842E

Explanation: An error occurred when creating a session thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181842F

Explanation: There was an error in using userconfig.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818430

Explanation: A failure occurred when reading a registry value. .

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818431

Explanation: The user password value's length was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818432

Explanation: An error occurred when opening the port for connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818433

Explanation: An error occurred in the universal asynchronous receiver/transmitter (UART) configuration for the baud rate.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818434

Explanation: A failure occurred when setting the status field to "failure" in the hypervisor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818435

Explanation: An error occurred when verifying the dynamic password.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818436

Explanation: An error occurred when writing the password signature.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818437

Explanation: An error occurred when writing the manufacturing password signature.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818438

Explanation: An error occurred in the universal asynchronous receiver/transmitter (UART) configuration for parity.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818439

Explanation: An error was found in the configuration of the universal asynchronous receiver/transmitter (UART) configuration for trans_normal.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181843A

Explanation: An internal error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181843B

Explanation: An internal error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181843C

Explanation: An error occurred when sending a message to a client.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181843D

Explanation: An error occurred when getting the machine type vital product data (VPD).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181843E

Explanation: A failure occurred when reading the system serial number.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181843F

Explanation: An error occurred when reading the machine brand.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818440

Explanation: An error occurred when initializing the serial server daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818441

Explanation: An error occurred when creating a session thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818442

Explanation: An error occurred in the stat file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818443

Explanation: An invalid error path was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818444

Explanation: An error occurred when writing the manufacturing password signature.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818445

Explanation: An invalid socket descriptor was selected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818446

Explanation: The signal length exceeded the limit.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818447

Explanation: Error statistics are available.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818448

Explanation: Memory allocation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818449

Explanation: The universal asynchronous receiver/transmitter (UART) configuration failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181844A

Explanation: The universal asynchronous receiver/transmitter (UART) configuration failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181844B

Explanation: The universal asynchronous receiver/transmitter (UART) configuration failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181844C

Explanation: The universal asynchronous receiver/transmitter (UART) configuration failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181844D

Explanation: An invalid error path was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181844E

Explanation: An internal error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181844F

Explanation: An error was found in a certificate.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818450

Explanation: An internal error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818451

Explanation: An internal error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818452

Explanation: An internal error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818453

Explanation: An internal error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818454

Explanation: The wrong password was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818456

Explanation: An internal error occurred. .

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818457

Explanation: An internal error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818458

Explanation: An internal error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181845A

Explanation: An internal error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181845B

Explanation: An error occurred with a daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181845C

Explanation: There was an error when enabling a login.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181845D

Explanation: An error occurred in an SSL write.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181845E

Explanation: There was an error in PERC.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181845F

Explanation: There was an error when reading the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818460

Explanation: An invalid error path was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818461

Explanation: There was an error when reading the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1818462

Explanation: There was an error when starting the vtty daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818463

Explanation: There was an error in obtaining a file descriptor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818464

Explanation: An error occurred when getting the file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818465

Explanation: There was an error when validating the password.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818466

Explanation: There was an error when writing the manufacturing password.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818467

Explanation: An error occurred when setting the user password.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818468

Explanation: An error occurred when creating a key.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818469

Explanation: There was an error when reading the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181846A

Explanation: There was an error when reading the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818470

Explanation: The UART adal configuration failed for serial-type connections.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818471

Explanation: There was an error in getting the HMC certificates.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818472

Explanation: There was an error in SSL_CTX_new.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818473

Explanation: There was an error in SSL_CTX_use_certificate.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818474

Explanation: There was an error in SSL_CTX_use_PrivateKey.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818475

Explanation: There was an error in SSL_CTX_check_private_key.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818477

Explanation: There was an error in readCertKeyPair.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818478

Explanation: There was an error in BIO_new_socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181847C

Explanation: An error occurred in setsockopt.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181847D

Explanation: An error occurred in getsockopt.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B181847E • B181849B

callouts detailed with the SRC to determine service actions.

B181847E

Explanation: A failover was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181847F

Explanation: An invalid tool was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818482

Explanation: The process to open a file failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818483

Explanation: The IP query failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818486

Explanation: There was an error in eraseCertKeyPair.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818487

Explanation: There was an error with the daemon; no parent or child was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818488

Explanation: SLP deregulation error

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181848A

Explanation: A failure in the acceptance portion of the TCP/IP-type connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181848C

Explanation: The TCPIP socket listen failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181848D

Explanation: The Unix socket accept operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181848E

Explanation: An improper error path was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818496

Explanation: There was an error when setting the user password.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181849B

Explanation: An IP query for the HMC failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818501

Explanation: An invalid value was passed into an EvenMgt method call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818502

Explanation: An invalid value was passed into an EvenMgt method call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818503

Explanation: An invalid message has been received by either the client or the daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818504

Explanation: These SRCs are added to the primary SRC to show control flow.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818505

Explanation: Failed to create the file name for a new socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818506

Explanation: Event notifier initialization failed because a thread could not be created.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818508

Explanation: An event could not be sent to one or more subscribers.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818509

Explanation: Attempted to signal an event using an invalid event ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181850A

Explanation: An unexpected signal has been received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181850F

Explanation: The user specified a time limit to wait for an event, and the time limit was reached.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818510

Explanation: Attempted to subscribe to or unsubscribe from an event while the event management object was in use by another thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818511

Explanation: The subscribed process appeared to have ended without unsubscribing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818512

Explanation: Internal firmware error: an invalid filter value was passed into the EvenMgt method call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818513

Explanation: Internal firmware error: an invalid event id was passed into the EvenMgt method call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818514

Explanation: Internal firmware error: a bad parameter was passed into the EvenMgt method call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818515

Explanation: Internal firmware error: the caller wanted to monitor for events but is not subscribed to any.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818516

Explanation: Internal firmware error: the caller did not pass in a valid buffer pointer to hold event-related data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818517

Explanation: Internal firmware error: a bad parameter was passed into the EvenMgt constructor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818518

Explanation: The user passed in a buffer that was too small to hold all of the event-related data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818519

Explanation: Reading the registry failed to obtain the path to the socket file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818601

Explanation: An application has received an unexpected signal.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181860F

Explanation: A process is calling another process without being set up correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818610

Explanation: A process is calling a procedure more than once.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818611

Explanation: An application has received an unexpected signal.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818612

Explanation: There was an error processing the stack trace.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818613

Explanation: There was an error processing the stack trace.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181871F

Explanation: Invalid data received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181877F

Explanation: An error occurred when the networking firmware set the idle options.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818780

Explanation: An error occurred when reading the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818782

Explanation: An error occurred when creating a file handle.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818783

Explanation: There was an error in a session to create a socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818785

Explanation: An error occurred when binding a socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818786

Explanation: There was an error in "socket listen".

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818787

Explanation: A failure occurred when writing a session entry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818788

Explanation: There was an error in the client name.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181878A

Explanation: The maximum number of sessions is already active.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181878B

Explanation: An invalid offset entry was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181878C

Explanation: There was an error when reading the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181878D

Explanation: An error occurred when updating a session entry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181878E

Explanation: There was an error in "read for session entry".

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181878F

Explanation: There was an error in "lookup in session entry".

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818791

Explanation: There was an error in "seek for session entry".

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818792

Explanation: There was an error in "session entry read".

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818793

Explanation: There was an error in "session entry read".

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818794

Explanation: An invalid entry number was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818795

Explanation: There was an error in a "session entry seek".

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818796

Explanation: There was an error when updating a session entry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818797

Explanation: An invalid PID was found in a session entry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181879A

Explanation: An error when creating a socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181879B

Explanation: Failed to create a socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181879C

Explanation: Creation of the socket path failed due to a registry read.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181879D

Explanation: An error occurred in a message constructor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181879E

Explanation: Allocation of memory for a message failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181879F

Explanation: Allocation of memory for a message failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187A0

Explanation: There was an error in the buffer length.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187A1

Explanation: An error occurred when creating a message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187A2

Explanation: A null value was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187A3

Explanation: An invalid message was sent.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187A4

Explanation: An invalid message was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187A5

Explanation: A null value was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187A7

Explanation: There was an error in a UNIX connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187A8

Explanation: There was a time-out on a connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187AC

Explanation: An error occurred when an SSL socket was being closed at the same time an SSL connect was occurring.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187AD

Explanation: There was an error when closing a socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187AE

Explanation: An error occurred in a routine

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187AF

Explanation: A connection failed due to the connection timing out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187B0

Explanation: An error occurred in a connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187B1

Explanation: A connection failed due to a timeout.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187B2

Explanation: A connection timed out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187B3

Explanation: A socked error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187B4

Explanation: A connection failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187B5

Explanation: An error occurred in a selection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187B6

Explanation: An error occurred when trying to make a connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187B7

Explanation: An error occurred when trying to make a connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187B8

Explanation: There was a secure read failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187B9

Explanation: An error occurred when sending a serial connection message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187BA

Explanation: An error occurred when sending a disconnection message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187BB

Explanation: An error occurred when sending a serial connection message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187BC

Explanation: An error occurred in a send operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187BD

Explanation: An error occurred when opening a port number.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187BF

Explanation: An error occurred when writing to a port.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187C0

Explanation: An error occurred in a system call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187C1

Explanation: An error occurred when setting up the passwords.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187C2

Explanation: An error occurred when sending a message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187C3

Explanation: An error occurred in a receive operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187C4

Explanation: The universal asynchronous receiver/transmitter (UART) device abstraction layer (ADAL) configuration failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187C5

Explanation: The universal asynchronous receiver/transmitter (UART) ADAL configuration failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187C6

Explanation: The universal asynchronous receiver/transmitter (UART) ADAL configuration failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187C7

Explanation: The universal asynchronous receiver/transmitter (UART) ADAL configuration failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187C8

Explanation: The universal asynchronous receiver/transmitter (UART) ADAL configuration failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187C9

Explanation: The universal asynchronous receiver/transmitter (UART) ADAL configuration failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187CA

Explanation: There was a time-out on the secure receive.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B18187CB

Explanation: A secure receive error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187CC

Explanation: A polling error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187CD

Explanation: Poll events occurred on the secure receive.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187CE

Explanation: A secure receive operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187CF

Explanation: An error occurred in a secure receive operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187D0

Explanation: An error occurred when reading a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187D1

Explanation: A connection error occurred in TCP/IP.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187D2

Explanation: A socket error occurred

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187D3

Explanation: A socket time-out occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187D4

Explanation: An error occurred when closing a socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187D5

Explanation: An error was returned from a system call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187D6

Explanation: An error occurred when closing the serial connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187D7

Explanation: An error occurred when closing the eth0 connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B18187D8

Explanation: An error occurred when closing the eth1 connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187D9

Explanation: There was a time-out on the secure receive.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187DA

Explanation: An error occurred when receiving.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187DB

Explanation: An error was returned from a system call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187DC

Explanation: A time-out occurred while waiting for data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187DD

Explanation: There was an error in SSL receive.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187DE

Explanation: There was an error in secure receive.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187DF

Explanation: An error was returned by the poll command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187E0

Explanation: An error occurred in a message processing function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187E1

Explanation: There was an error in SSL write.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187E2

Explanation: An error occurred in a send/receive function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187E3

Explanation: An error occurred when reading the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187E4

Explanation: A private key failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187E5

Explanation: A read certificate and key error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187E6

Explanation: A private key mismatch occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187E7

Explanation: Unable to complete a connection, but not because of a time-out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187E8

Explanation: An error occurred when trying to close a TCP/IP connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187E9

Explanation: An SSL handshake failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187EA

Explanation: These was an error in a write operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187EB

Explanation: There was an error in TCP/IP select.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187EC

Explanation: A timeout occurred in "select" while waiting for data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187ED

Explanation: An error occurred in "received message".

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187EE

Explanation: An error occurred when getting the header.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187EF

Explanation: There was a timeout while waiting for TCP/IP.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187F0

Explanation: A certificate clean-up error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187F1

Explanation: There was an error in TCP/IP "select".

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B18187F2

Explanation: A semaphore error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187F3

Explanation: An SSL shutdown failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187F4

Explanation: A set up error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187F5

Explanation: Generating a key failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187F6

Explanation: An error occurred in when closing a connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187F7

Explanation: An error occurred when reading a registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187F8

Explanation: An error occurred in a sibling connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187F9

Explanation: An error occurred when connecting to the first interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187FA

Explanation: There was an error when obtaining the private key for SSL communications.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187FB

Explanation: An error occurred when writing a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187FC

Explanation: Bad data was sent in through a constructor .

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187FD

Explanation: There was an error in creating an ivSSL object using the SSL_new() function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187FE

Explanation: An error occurred in setting a socket option.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18187FF

Explanation: The ssl connection timed out during the open ssl operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818801

Explanation: Failed to get access to shared memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818802

Explanation: Failed to attach to shared memory area.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818803

Explanation: An invalid pointer was passed into a function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818804

Explanation: Failed to create a sychronization file that is used to inform other code modules about the completion of a signal handling operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818805

Explanation: Failed to read a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818806

Explanation: Failed to write to registry which serves as a flag to indicate that a service routine is no longer running.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818807

Explanation: Failed to detach shared memory area.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818808

Explanation: Failed to create shared memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818809

Explanation: Failed to start instructions on the selected processor to run a service routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181880A

Explanation: Failed to write to the registry which serves as a flag to indicate a service routine is running.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181880B

Explanation: An invalid service routine was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181880C

Explanation: An invalid command was found in the attention memory area; it does not match the service routine that was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181880D

Explanation: Received a fatal attention during a service routine run.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181880E

Explanation: Failed to erase shared memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181880F

Explanation: Failed to get the status of a thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818810

Explanation: No threads are functional on the requested processor core.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818811

Explanation: A dependent process was not running.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818812

Explanation: Failed to start a dependent process which is required to run a service routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818813

Explanation: A request was made to run a service routine on a processor core that is not functional.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818814

Explanation: Failed to get selected processor core functionality.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818815

Explanation: Failed to read the general purpose registers.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818816

Explanation: Failed to set up registers during the setup to run service routines.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818817

Explanation: Failed to read the special purpose registers.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818818

Explanation: Failed to set up a register during the setup to run service routines.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818819

Explanation: Failed to save memory area during the setup to run service routines.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181881A

Explanation: Failed to get the proper fabric identity so that storage could be read.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181881B

Explanation: Failed to unmap the memory pointed to by the processor control area addresses.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181881C

Explanation: Failed to get the processor control area from the host data area.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181881D

Explanation: Failed to read memory during the setup to run a service routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181881E

Explanation: Timed out waiting for the service routine to finish.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181881F

Explanation: Failed to erase a synchronization file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818820

Explanation: Failed to get access to a structure necessary to run a service routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818821

Explanation: Failed to initialize a buffer during the setup to run a service routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818822

Explanation: Failed to write the service routine address into a general purpose register.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818824

Explanation: Failed to set up the special purpose registers.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818825

Explanation: Failed to initialize a buffer during the setup to run a service routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818826

Explanation: Failed to initialize a buffer during the setup to run a service routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818827

Explanation: Failed to set up the special purpose registers to run a service routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818828

Explanation: Failed to save a register value during the setup to run a service routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181882A

Explanation: Failed to write the reset vector.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181882B

Explanation: Failed to get the thread status.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181882C

Explanation: Failed to write the reset vector.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181882D

Explanation: The service routine address was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818830

Explanation: Failed to write to memory during the setup to run a service routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818831

Explanation: Failed to release a reserved ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818832

Explanation: Failed to initialize a register during the setup to run a service routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818833

Explanation: An invalid service routine address was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1818834

Explanation: Failed to write to service routine state in the registry to indicate that a service routine is not running.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818901

Explanation: An error occurred when the service processor synchronization (SINK) interface tried to read firmware data.

B1818902

Explanation: The service processor synchronization (SINK) interface timed out waiting for a firmware component to create a synchronization lock.

B1818903

Explanation: The service processor synchronization (SINK) interface timed out waiting for a firmware component to establish a synchronization lock.

B1818904

Explanation: An invalid synchronization lock was passed to the service processor synchronization (SINK) interface.

B1818905

Explanation: An invalid synchronization lock file was passed to the service processor synchronization (SINK) interface.

B1818906

Explanation: A firmware component failed to create a synchronization lock.

B1818907

Explanation: The service processor synchronization (SINK) interface detected that another firmware server is currently running.

B1818908

Explanation: An error occurred when the service processor synchronization (SINK) interface tried to delete a synchronization lock.

B181890A

Explanation: An internal error occurred in the service processor synchronization (SINK) interface.

B181890B

Explanation: An error occurred when the service processor synchronization (SINK) interface tried to read firmware data.

B181890C

Explanation: An invalid file was passed to the service processor synchronization (SINK) interface.

B181890D

Explanation: An error occurred when the service processor synchronization (SINK) interface tried to build a directory path.

B181890E

Explanation: An invalid file was passed to the service processor synchronization (SINK) interface.

B181890F

Explanation: A firmware component passed an invalid file to the service processor synchronization (SINK) interface.

B1818910

Explanation: An invalid parameter was passed to the service processor synchronization (SINK) interface.

B1818911

Explanation: The service processor synchronization (SINK) interface was not able to synchronize with a specific firmware component.

B1818912

Explanation: The service processor synchronization (SINK) interface timed out waiting for a synchronization lock to be established by another firmware component.

B1818913

Explanation: An invalid file was passed to the service processor synchronization (SINK) interface.

B1818914

Explanation: Invalid arguments were passed to the service processor synchronization (SINK) interface.

B1818915

Explanation: The maximum number of files that are allowed to be created and open using process synchronization was exceeded.

B1818916

Explanation: An invalid parameter was passed to the service processor synchronization (SINK) interface.

B1818917

Explanation: The service processor synchronization (SINK) interface timed out waiting for the power interface to stabilize.

B1818918

Explanation: The service processor synchronization (SINK) interface detected a synchronization error between two firmware components.

B181894E

Explanation: The system controller received bad data back after sending a "hold sibling in reset command" to a node controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A02

Explanation: The calling component requested an invalid key.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A03

Explanation: The calling component did not provide a buffer large enough for reading the data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A04

Explanation: The util registry write operation failed due to the an underlying building block failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A05

Explanation: The platform extension information for this registry key was not retrieved correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A06

Explanation: Redudant "side" write operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A07

Explanation: An operation to send a signal event for the current registry key failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A09

Explanation: Redudant "side" write operation failed due to a stream failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A0A

Explanation: Util failed to accurately acquire the size of a registry key due to an underlying building block failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A0B

Explanation: A was failure detected when forming a path to a registry key.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A0E

Explanation: The current util file operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A0F

Explanation: The current util operation failed because the file in question is not open.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A10

Explanation: The current util operation failed due to end-of-file being reached.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A11

Explanation: The memory pointer acquired from a caller is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A12

Explanation: An operation failed due to end-of-file being reached on the current stream.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A13

Explanation: The operation to remove a file failed; possible file system issue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A14

Explanation: The file lock operation failed to acquire the lock that was requested; possible system-wide problem

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A16

Explanation: Failure to initialize a semaphore; possible kernel issue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A17

Explanation: Failure to initialize a semaphore; possible kernel problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A18

Explanation: The semaphore operation failed; possible file system problems.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A19

Explanation: A semaphore initialization failure occurred due to system call failure; possible kernel problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A1A

Explanation: The operation to dynamically load a library failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A1B

Explanation: A failure occurred when loading a shared library symbol.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A1C

Explanation: The operation to synchronize the current registry key to the back-up failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A1D

Explanation: Failed to get a value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A1E

Explanation: The operation to read a registry key has failed due to a failure in the underlying building block method.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A1F

Explanation: An operation failed to read a platform extension due to a failure in an underlying building block method.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A20

Explanation: The operation to synchronize the file operation via RMGR has failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A21

Explanation: The operation failed while reading the file stream.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A2C

Explanation: Unable to open a firmware component.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A2D

Explanation: Unable to set bits in a register.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818A32

Explanation: A binary semaphore was already unlocked.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B10

Explanation: Unable to configure the virtual local area network (VLAN) adapter.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B11

Explanation: Unable to configure the virtual local area network (VLAN) adapter.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B12

Explanation: An error occurred when reading the valid bits.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B13

Explanation: An error occurred when setting the interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B14

Explanation: Unable to set the hostname.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B15

Explanation: Unable to add the virtual local area network (VLAN) adapter to the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B16

Explanation: A problem occurred when resolving the name of a domain name server.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B17

Explanation: Unable to write to the flash memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B18

Explanation: Unable to write to a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B19

Explanation: Unable to configure the adapter.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B1A

Explanation: An error occurred when writing the gateway address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B1C

Explanation: An error occurred when writing the virtual local area network (VLAN) address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B1D

Explanation: An error occurred when writing a variable.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B1E

Explanation: A network reset was issued as the pin value changed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1818B1F

Explanation: Unable to add the VLAN adapter to the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B20

Explanation: Unable to set the hostname.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B21

Explanation: An error occurred when reading the valid bits.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B22

Explanation: An error occurred when writing the gateway address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B23

Explanation: An error occurred when writing the gateway address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B24

Explanation: An invalid network configuration was specified.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B25

Explanation: An error occurred when writing the virtual local area network (VLAN) ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B26

Explanation: Unable to configure the adapter.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B2B

Explanation: An invalid user error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B31

Explanation: A network reset was issued because the pin value changed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B32

Explanation: An error occurred when setting the virtual local area network (VLAN) enabled/disabled flag to enabled .

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B34

Explanation: Unable to set the hostname.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B35

Explanation: A virtual LAN was removed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B36

Explanation: A virtual LAN was added.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B39

Explanation: A configuration file was opened.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B3A

Explanation: A socket was opened.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B3B

Explanation: Unable to open the device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B40

Explanation: An ARP socket was opened.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B41

Explanation: An ARP socket binding failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B42

Explanation: An ARP operation to get the IP address failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B43

Explanation: An ARP get IP address operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B45

Explanation: Failed to correctly route mailbox traffic.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B46

Explanation: Failed to route mailbox traffic.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B47

Explanation: An DHCP failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B48

Explanation: An ARP binding failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B49

Explanation: Failed to get the address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B4A

Explanation: Failed to get the IP address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B4C

Explanation: A receive failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B4D

Explanation: A polling failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B4E

Explanation: A failure occurred when creating a route.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B4F

Explanation: An ARP failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B50

Explanation: An ARP open failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B51

Explanation: An error occurred with a daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B52

Explanation: An error occurred with a daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B53

Explanation: An error occurred when receiving a message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B54

Explanation: An internal error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B55

Explanation: A machine type/model/serial number mismatch occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B57

Explanation: An I/O control failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B58

Explanation: A machine type/model/serial number mismatch occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B5C

Explanation: An invalid IP address was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1818B5D

Explanation: An invalid gateway was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B5E

Explanation: An internal error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B60

Explanation: Unable to write to a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B61

Explanation: Failed to set the gateway (IPv4).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B62

Explanation: An address was null.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B63

Explanation: A subnet failure occurred (IPv4).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B64

Explanation: A subnet mask was null.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1818B65

Explanation: A broadcast address failure occurred (IPv4).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B66

Explanation: A broadcast address was null.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B67

Explanation: The routing file was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B68

Explanation: An IPv4 address failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B70

Explanation: A listif command failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B72

Explanation: Failed to set the gateway.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B73

Explanation: The interface was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B74

Explanation: A hardware failure occurred when getting the IP address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B75

Explanation: A hardware failure occurred when getting the subnet.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B76

Explanation: A hardware failure occurred when getting the broadcast address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B77

Explanation: Failed to set the IP address in the hardware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B78

Explanation: A hardware failure occurred when setting the subnet.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B79

Explanation: Failed to set the broadcast address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B80

Explanation: An IPv6 address failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B82

Explanation: An invalid prototype was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B83

Explanation: Getting the IF flags failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B84

Explanation: Setting the IF flags failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B85

Explanation: No prototype was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B87

Explanation: A failure occurred when getting the hostname.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B88

Explanation: A socket open failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B89

Explanation: An unsupported link speed was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B90

Explanation: There was an error in the link speed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B91

Explanation: A link status error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B92

Explanation: A failure occurred when processing a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B93

Explanation: An IP address failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B94

Explanation: The maximum number of DHCP addresses was exceeded.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B95

Explanation: The maximum number of static addresses was exceeded.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B96

Explanation: The maximum number of addresses was exceeded (IPv6).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B97

Explanation: The maximum number of addresses was exceeded (IPv4).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B98

Explanation: An invalid address type was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B99

Explanation: An invalid version was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B9A

Explanation: An invalid buffer type was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B9B

Explanation: An address was not found (IPv4).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1818B9D

Explanation: The buffer was too small.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B9E

Explanation: A null pointer was passed into a function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818B9F

Explanation: The interface configuration was invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818BA0

Explanation: An invalid buffer size was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818BA1

Explanation: The dynamic host (DH) client stopped.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818BA2

Explanation: The dynamic host (DH) client was released.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818BA4

Explanation: A DHCP directory failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818BA5

Explanation: A PID failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818C09

Explanation: The netv daemon was unable to read the side ID that is used to determine which bulk power controller (BPC) the daemon was running on.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818C0A

Explanation: Unable to determine which bulk power controller (BPC) the netv daemon is running on.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818C0B

Explanation: Unable to determine the type of enclosure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818C0F

Explanation: An unknown card was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818C11

Explanation: The netv daemon was unable to open the FSI device to get the side ID that is used to determine which bulk power controller (BPC) the daemon was running on.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818C12

Explanation: The netv daemon determined that there are too many error logs to be transferred to the system client.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818C57

Explanation: The VLAN map configuration is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818C58

Explanation: The PVID configuration is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818CAC

Explanation: A host on the network has an invalid IP address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818CAE

Explanation: Duplicate IP addresses were detected; the system firmware should be updated. If the condition persists, replace the hardware that is reporting the duplicate addresses.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1818CAF

Explanation: Duplicate MAC addresses were found on Ethernet ports.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819001

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819002

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819003

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819004

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819005

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1819009

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181900A

Explanation: An internal service processor error occurred while trying to allocate memory. The service processor reset itself to recover from the error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181900B

Explanation: An internal service processor error occurred while trying to allocate memory. The service processor reset itself to recover from the error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181900C

Explanation: An internal service processor error occurred while trying to allocate memory. The service processor reset itself to recover from the error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181900F

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819010

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819011

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819012

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819015

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819019

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181901B

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181901C

Explanation: An internal service processor error occurred while configuring CEC memory. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181901D

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181901F

Explanation: An integrity check failed on data that the service processor retrieved from CEC memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819020

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819021

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819022

Explanation: The service processor could not find vital product data (VPD) for a FRU.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819023

Explanation: The service processor could not find the vital product data (VPD) for a FRU.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819024

Explanation: The service processor could not find vital product data (VPD) for a FRU.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819027

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819029

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181902A

Explanation: An integrity check failed on data that the service processor retrieved from CEC memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181902B

Explanation: The current communications link to the hypervisor (PSI) for a service processor was not found or is not functional.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181902C

Explanation: The operation initiated by mboxmainprocess was unable to open the mbox device driver within the allotted time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181902D

Explanation: An attempt was made by a user to set the hypervisor mode to a value that is not allowed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819034

Explanation: An invalid SCOM address was found in the AVP test case list.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819037

Explanation: The load type of the test case structure did not indicate a memory-type test case.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181903B

Explanation: A null functional unit pointer was found while iterating through the list of core functional units that were found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181903D

Explanation: An error occurred in a routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181903E

Explanation: The test did not finish in the allotted time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181903F

Explanation: The data in the status address is not changing. If the test were running successfully, this address should be changing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819041

Explanation: Unable to get the functional unit group for the CEC cage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819043

Explanation: A firmware error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819044

Explanation: The CEC cage number that was provided did not match the CEC cage number that was expected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181904E

Explanation: A failure occurred while writing the test case data from a file into the data buffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819051

Explanation: Failed to get the instruction status for the core.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819054

Explanation: A null functional unit pointer was found while iterating through the list of core functional units that were found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819201

Explanation: An I/O control operation failed when trying to set the data terminal ready (DTR) pin.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819203

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819204

Explanation: The operating system protocol does not match the currently-supported service processor version.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819207

Explanation: The open operation on the requested device, a serial port, failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819208

Explanation: The firmware was asked to open a serial port that does not exist. The only valid serial ports are S1 and S2.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181920A

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181920B

Explanation: A request was made for the modem control signal status but the port was not open.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181920C

Explanation: An I/O control error occurred when trying to read the status register.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181920E

Explanation: A failure occurred when reading data from a serial port.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181920F

Explanation: A write operation to the serial port failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819210

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819212

Explanation: The firmware got stuck for more than two seconds when trying to write to a serial port. The write operation will be restarted and an error logged.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819502

Explanation: Unable to initialize the mutexes for locking classes.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819505

Explanation: Failure to create a semaphore.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819506

Explanation: The kernel call failed to create a thread

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819507

Explanation: The service processor was unable to make an entry in its error log that the hypervisor requested

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819509

Explanation: The kernel device driver returned an error writing hardware settings

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181950A

Explanation: No bytes were returned by a mailbox read.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181950B

Explanation: The mailbox daemon is not running, so no attempt can be made to talk to the hypervisor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181950C

Explanation: The hypervisor requested the execution of a function in the service processor firmware, and the execution of that function resulted in an error

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181950D

Explanation: The size of the data sent exceeded the maximum allowed size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181950E

Explanation: Unable to start the timer to block code update.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819510

Explanation: The service processor was unable to establish a virtual session on a serial port

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819516

Explanation: An invalid message received by the service processor

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819517

Explanation: Unable to receive the error log from the daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819518

Explanation: Unable to initialize the processing queues.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819519

Explanation: The service processor attempted to pass an invalid value to the hypervisor

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181951A

Explanation: The state manager returned bad status.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181951B

Explanation: The service processor (or system controller) invalidated a dump because it was not a platform or service processor (or system controller) dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819520

Explanation: The service processor was unable to complete state changes during a boot

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819521

Explanation: The HMC is trying to use an invalid ID

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819522

Explanation: A message was sent to the hypervisor when the hypervisor was in an invalid state to receive messages

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819524

Explanation: The kernel device driver returned error when setting or clearing bits

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819525

Explanation: The hypervisor sent the service processor an invalid SRC to display

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819526

Explanation: Informational message: In a system with redundant service processors (or system controllers), there are times when messages from the hypervisor are blocked; this is expected. This occurred, and does not indicate a problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819527

Explanation: Informational message: In a system with redundant service processors (or system controllers), there are times when messages from the hypervisor are blocked; this is expected. This occurred, and does not indicate a problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819528

Explanation: The mailbox device driver failed to open.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181952A

Explanation: No tone control block was created by the device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181952B

Explanation: The hypervisor's virtual NVRAM is not supported on this system

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B181952C • B181953A

callouts detailed with the SRC to determine service actions.

B181952C

Explanation: The hypervisor attempted to read past the end of a file

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181952D

Explanation: An attempt was made to write past the end of a file during a synchronization operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819530

Explanation: The hypervisor's virtual NVRAM has an unexpected size

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819531

Explanation: Clearing the hypervisor's NVRAM is not allowed while the system is running

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819532

Explanation: Unable to open the PSI device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819533

Explanation: Unable to reset the mailbox device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819535

Explanation: A duplicate message from the hypervisor was received in the mailbox. The duplicate will be discarded, but this may indicate a problem with the PSI interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819536

Explanation: The firmware was unable to generate an audible sound on the speaker.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819537

Explanation: The hypervisor detected an error with a PSI link. If this is predictive, follow the procedures called out in the FRU list in the error log entry. If this is informational, it was not possible to tell if this occurrence was a real error or not.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819538

Explanation: There is no working communication path between the service processor and the operating system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819539

Explanation: The service processor application performed an invalid sequence of commands.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181953A

Explanation: The service processor function is currently in use; repeat the operation later.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181953B

Explanation: The service processor application performed an invalid sequence of commands.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181953D

Explanation: Informational message: The virtual NVRAM thread did not shut down in time. This might cause problems with the hypervisor's virtual NVRAM the next time the system is booted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181953E

Explanation: An internal firmware error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181953F

Explanation: The mailbox function was told to terminate.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819540

Explanation: Informational message: The mailbox was told to terminate, and it did so without error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819541

Explanation: The device driver indicated that an error occurred prior to his operation, so this operation should be retried.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1819542

Explanation: The VNVDRAM block list was the wrong size during a partial synchronization attempt.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819544

Explanation: The mailbox server has forced an unlocking of VNVDRAM.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819545

Explanation: The error log data read back from the hypervisor didn't match the data that was written.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819547

Explanation: A dump notification was sent from the service processor to the hypervisor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819548

Explanation: The mailbox start-up data was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819549

Explanation: The data read back from the flash memory for virtual NVRAM did not match the data that was written.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181954A

Explanation: Mailbox data was missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181954D

Explanation: A block number that is too large was passed into the function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819903

Explanation: An invalid signal was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819904

Explanation: Failed to read the IPL type from the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819905

Explanation: An error occurred when the service processor capacity on demand interface was writing firmware data to the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1819906

Explanation: The service processor capacity on demand (SCOD) interface does not recognize the power-off IPL type.

B1819907

Explanation: An error occurred when the service processor capacity on demand interface was reading a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1819908

Explanation: A firmware component tried to use the service processor capacity on demand (SCOD) interface in an invalid manner.

B1819909

Explanation: An error occurred when the service processor capacity on demand interface was updating a firmware entry in the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181990A

Explanation: An error occurred when the service processor capacity on demand interface was updating a firmware entry in the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181990B

Explanation: An error occurred when the service processor capacity on demand interface was updating a firmware entry in the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A001

Explanation: Failed to read a value from the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A002

Explanation: Failed to read a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A003

Explanation: Failed when trying to read the registry value to determine the state of the sibling service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A004

Explanation: Failed when trying to read the registry to determine the value of iplp/SysOpMode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A005

Explanation: Failed when trying to read the registry to determine the value of panl/SysPwrDnTime.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A006

Explanation: Failed to read the current power state of the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A007

Explanation: Failed when trying to write the control panel information to the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A008

Explanation: The server is no longer available.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A009

Explanation: Failed to create the synchronization file for clients.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A00A

Explanation: Failed to synchronize with the server process for client commands.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A00B

Explanation: Failed to create the panlmain daemon synchronization file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A00C

Explanation: The panlmain daemon is already up and running.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A00D

Explanation: Failed to lock the firmware code lock when trying to execute the desired action for the decrement button.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A00E

Explanation: Failed to lock the mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A00F

Explanation: Failed to lock the mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A010

Explanation: Failed to unlock the mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A011

Explanation: Timed out waiting for the mutex conditional.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A012

Explanation: Failed to wait for mutex conditional.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A013

Explanation: Failed to wait the allotted idle time for the worker thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A014

Explanation: Failed to start the service processor dump function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A015

Explanation: An invalid argument was passed into the attention monitor thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181A016

Explanation: Failed to initialize the desired attribute for the thread that is being created.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A017

Explanation: Failed to initialize the thread attribute object for the thread that is being created.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A018

Explanation: Failed to kill the thread holding the mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A019

Explanation: Failed to connect to the client socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A020

Explanation: Failed to create a socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A021

Explanation: Failed to bind to a socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A022

Explanation: Failed to listen for messages.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A023

Explanation: Failed to accept a socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A030

Explanation: Failed to assign a name to the socket that was created.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A031

Explanation: Failed to begin listening on the socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A032

Explanation: Failed to accept the connection from a listening socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A033

Explanation: Failed to create or connect to the socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A034

Explanation: Failed to close the listening socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A035

Explanation: Failed to create the server address socket object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A036

Explanation: Failed to send the message through the accepted connection socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A037

Explanation: Failed to receive a message through the server-accepted connection socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A038

Explanation: The client address socket doesn't exist.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A040

Explanation: Failed to send the action response to a concurrent maintenance operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A041

Explanation: Failed to receive a reply.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A042

Explanation: Failed to connect to the panel server to send a message to be processed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A043

Explanation: An incorrect data size was received for the function action that was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A044

Explanation: No data was passed into the function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A045

Explanation: The function received an invalid parameter.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A046

Explanation: The reply message that was received did not have the same number of functions that was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A047

Explanation: The reply message that was received contained an error log.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A048

Explanation: The response message was supposed to contain data; it contained none.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A049

Explanation: Received a response message that was not the correct type for the message that was sent.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A04A

Explanation: Failed to send the message and receive the reply.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A04B

Explanation: The reply message that was received contained more data than the buffer can hold.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A04C

Explanation: A reply message was received that did not contain the right data size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A04D

Explanation: A power transition request failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A04E

Explanation: The user name in the message is not recognized and cannot request a power transition.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A04F

Explanation: An invalid power transition type was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A050

Explanation: Invalid request data was received with the message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A051

Explanation: No change flags were set for the system dump parameters.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A052

Explanation: An unsupported operation was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A053

Explanation: The operation request is not allowed because it was requested on the secondary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A054

Explanation: Failed to receive a message on the event message queue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A060

Explanation: Failed to create a timer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A061

Explanation: Failed to delete a timer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A062

Explanation: Failed to set time for the timer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A070

Explanation: The panel function is not active.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A071

Explanation: An invalid function was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A072

Explanation: The subfunction is not supported.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A073

Explanation: Failed to execute the panel function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A074

Explanation: The subfunction is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A075

Explanation: Failed to get the minimum and maximum subfunction values for the power function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A076

Explanation: The function that was requested has no subfunction capability.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A077

Explanation: Failed to get the minimum and maximum subfunction values when trying to increment the function number on the control panel .

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A080

Explanation: Failed to perform a lamp test on the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A081

Explanation: Failed to perform a lamp test via power.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A082

Explanation: Failed to perform the power function that was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A083

Explanation: Failed to send the initiate service tool command to the hypervisor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A084

Explanation: Failed to start a platform dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A088

Explanation: Failed to execute a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A089

Explanation: Failed to get the dump firmware content.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A08A

Explanation: Failed to get the dump hardware content.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181A08B

Explanation: Failed to find out if dump is enabled or not.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A08C

Explanation: Failed to set the dump collection policy to the requested value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A08D

Explanation: The value of the dump collection policy that was received is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A08E

Explanation: Failed to set the dump hardware content to the requested value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A08F

Explanation: The value of the dump hardware content that was received is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A090

Explanation: Failed to set the dump firmware content to the requested value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A091

Explanation: The value of the dump firmware content that was received is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A092

Explanation: Failed to get the number of SRC entries for the system status SRC trace function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A093

Explanation: Failed to get the number of SRC entries for the diagnostic status SRC trace function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A094

Explanation: Failed to get the system trace SRC that was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A095

Explanation: Failed to create the system trace object, or there were no entries for system trace.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A096

Explanation: Failed to initiate the IPL that was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A098 • B181A0A4

B181A098

Explanation: Failed to send the power on IPL request.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A099

Explanation: Failed to send the power off IPL request.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A09A

Explanation: Failed to send a reboot request to the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A09B

Explanation: The current and next state of the system will not allow a reboot of the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A09C

Explanation: Failed to get the HMC information.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A09D

Explanation: Failed to get the IP address for the requested Ethernet port.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A09E

Explanation: Failed to get the location code for the requested Ethernet port.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181A09F

Explanation: Failed to get the installed resource IDs for the HMC connectors.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0A0

Explanation: Failed to get the maximum number of resource IDs for the HMC connectors.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0A1

Explanation: This SRC indicates that the panel component is done with the input function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0A2

Explanation: Invalid function number.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0A3

Explanation: The function requested is disabled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0A4

Explanation: The function range is disabled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0A5

Explanation: Failed to determine if a concurrent maintenance operation is in progress.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0A6

Explanation: An invalid sub-function was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0A8

Explanation: Failed to build the display for the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0A9

Explanation: No sibling service processor was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0B0

Explanation: Failed to deactivate the panel function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0B1

Explanation: The secondary service processor cannot activate a panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0B2

Explanation: Failed to set the SRC displays for the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181A0B3

Explanation: Failed to modify the panel display when the increment button was pushed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0B4

Explanation: Failed to send display data to the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0B5

Explanation: Failed to send the SRC display data to the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0B6

Explanation: Failed to create the worker thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0B7

Explanation: Failed to increase the work force when it was determined it was needed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0B8

Explanation: No panel is active.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0B9

Explanation: Failed to push a work message onto an existing queue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0BA

Explanation: Failed to take appropriate action for the event that was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0BB

Explanation: An event was received that is not supported by the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0BC

Explanation: Failed to subscribe to the event manager.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0BD

Explanation: Failed to receive an event from the event manager.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0BE

Explanation: Failed to create the event monitor thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0C0

Explanation: Function 26 was done before function 25 was executed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0C1

Explanation: Failed to get the current power state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0C2

Explanation: Failed to get the current service processor dump enablement state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0D0

Explanation: Failed to enable the scroll lock when trying to increment the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0D1

Explanation: Failed to create the timer for the scroll lock button.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0D2

Explanation: Failed to set the time-out for the scroll lock timer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0D3

Explanation: Failed to start the power off timer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0D4

Explanation: Failed to take action after the power off timer expired.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0D5

Explanation: Failed to take the proper action after the power off timer expired.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0D6

Explanation: Failed to create a timer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0D7

Explanation: Failed to set the time-out for the timer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0D8

Explanation: Failed to delete the timer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0D9

Explanation: Failed to block client process synchronization.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181A0DA

Explanation: Failed to write to a panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0DB

Explanation: Failed to write to the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0E0

Explanation: Failed to change the power LED to a new state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0E1

Explanation: The button action that was received is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0F0

Explanation: Failed to allocate memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0F1

Explanation: Failed to set up the decrement button on the control (operator) panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0F2

Explanation: Failed to create a timer for the decrement button on the control (operator) panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0F3

Explanation: Failed to conduct the decrement action for the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0F4

Explanation: Failed to perform the increment action for the panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0F5

Explanation: Failed to read the panel function that was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0F6

Explanation: Failed to create the panel attention monitor thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0F7

Explanation: Failed to set up the panel when activating the requested panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0F8

Explanation: Failed to get the number of possible panels in the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0F9

Explanation: A control (operator) panel is already active in the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0FA

Explanation: Another concurrent maintenance operation is already in progress.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0FB

Explanation: The role of the service processor will not allow the activation of the requested panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0FC

Explanation: More physical control (operator) panels are in the system than is allowed. This is an invalid configuration.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0FD

Explanation: The control (operator) panel is not present.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0FE

Explanation: An invalid resource ID was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A0FF

Explanation: No active panel was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A201

Explanation: An invalid command was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A202

Explanation: Invalid data was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A204

Explanation: Unknown caller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A205

Explanation: The function that was requested is not supported.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A206

Explanation: Failed to request IPL for the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A207

Explanation: The panel lamp test failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A208

Explanation: Failed to read the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A209

Explanation: Failed to write to the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A20A

Explanation: The operation that was requested cannot be performed on the secondary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A20B

Explanation: An error was returned from the state manager function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A20C

Explanation: An output parameter pointer is NULL.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A20D

Explanation: A platform dump function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A20E

Explanation: The requested function is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A20F

Explanation: An error was returned from the mailbox function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A211

Explanation: An error was returned from the system power interface function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A214

Explanation: The requesting owner does not own the requested function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A215

Explanation: The function that was requested is disabled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A216

Explanation: Failure during a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A217

Explanation: The requested sub-function is outside the valid range.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A219

Explanation: Failed to start the service processor dump process.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A236

Explanation: The function requested is disabled or not active.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A401

Explanation: Failed to create the SVPD ML2 socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A402

Explanation: The ML2 failed to connect to a server socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A403

Explanation: The ML2 server failed on socket receiver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A404

Explanation: There was a problem with the path to the secondary system controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A405

Explanation: The ML2 server failed on a socket send.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A406

Explanation: The ML2 failed to close a connection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A407

Explanation: An invalid operation was sent to an ML2 server.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A408

Explanation: This function was called by the user with an invalid parameter.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A409

Explanation: An error was encountered when trying read a file from persistency.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A40A

Explanation: A function failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A40B

Explanation: An error was encountered when closing and/or unlocking the file for the given resource ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A40C

Explanation: An error was encountered trying to read the SVPD state information file into the persistency.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A40D

Explanation: An error was found when firmware tried to read the size of the registry key.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A40E

Explanation: A data mismatch, or read failure, occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A40F

Explanation: The data was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A410

Explanation: Unable to lock out all threads.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A411

Explanation: Unable to gain a lock on a VPD file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A412

Explanation: Unable to lock the file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A413

Explanation: Unable to unlock the threads.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A414

Explanation: An error occurred when getting the device type for the resource ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A415

Explanation: A device write failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A416

Explanation: A device reset occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A417

Explanation: An error was encountered when synchronizing the file to the other service processor in the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A418

Explanation: Unable to locate a string in a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A419

Explanation: An error occurred when generating the location code while trying to rebuild the RLCA table.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A41A

Explanation: Failure to write to the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A41B

Explanation: A keyword error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A41C

Explanation: A keyword error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A41D

Explanation: A failure was encountered when finding or reading the module VPD file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181A41E

Explanation: The client failed on a socked send of receive.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A41F

Explanation: This operation needs message data from the client but there was no message data in the client message

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A420

Explanation: An invalid state type was passed in by the user.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A421

Explanation: An invalid command was sent to the ML3 server.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A422

Explanation: The client failed to get message data from the server when mesage data was expected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A423

Explanation: Invalid data in the module VPD file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A424

Explanation: An error occurred when reading a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A425

Explanation: Failed to write raw VPD data into the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A426

Explanation: An error was encountered when writing NVRAM to VPD.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A427

Explanation: There was a mismatch between the VPD data and the values in NVRAM.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A428

Explanation: Data read from the rlcainst table is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A429

Explanation: Firmware needs to add support for an additional resource to the given FRU type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A42A

Explanation: Failed to get FRU status for the given RID in registry update function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A42B

Explanation: Failed trying to determine the resource ID's associated with the given FRU type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A42C

Explanation: Failed to read the VPD and update the registry entry for the input RID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A42D

Explanation: A failure occurred when reading the VPD card.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A42E

Explanation: Writing to the VPD card I/O multiplexer failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A42F

Explanation: An error occurred when getting the field replaceable unit (FRU) status for the resource ID in the registry update function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A430

Explanation: Invalid keyword data was input by the user.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A431

Explanation: The user passed in a keyword size that is greater than the actual keyword size in the VPD.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A432

Explanation: This system's machine ID is not supported.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A433

Explanation: A smaller number of bytes was written to the I2C device than was expected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A434

Explanation: Failed to write to an I2C device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A435

Explanation: Unable to update the IN keyword in the VRTN block.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A436

Explanation: Failed when updating one of the smart chip blocks

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A437

Explanation: An invalid format was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A438

Explanation: A record is not found in the VPD data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A439

Explanation: An invalid length was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A43A

Explanation: Invalid offset for retrieving raw entry data from the file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A43B

Explanation: An invalid operation was attempted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A43C

Explanation: A function was called with an invalid parameter.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181A43D

Explanation: The data reference does not support keyword parsing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A43E

Explanation: The files were not synchronized for this request.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A43F

Explanation: The two copies of the chips were re-synchronized.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A440

Explanation: An attempt to read the module vital product data (VPD) from the I2C device failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A441

Explanation: An error occurred when setting the mode attribute to hardware mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A442

Explanation: An error occurred when trying to generate a location code.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A443

Explanation: An error was encountered during VPD collection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A444

Explanation: An error was encountered during VPD collection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A445

Explanation: An attempt to delete the old event queue failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A446

Explanation: There was a failure in the firmware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A447

Explanation: Unable to find the input RID in our RLCA table.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A448

Explanation: Failed to convert VPD format.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A449

Explanation: An error was encountered when converting the VPD to multiple stanza format.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A44A

Explanation: The BR keyword needs to be programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A44B

Explanation: The enclosure FC keyword needs to be programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A44D

Explanation: The ID keyword needs to be programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A44F

Explanation: The NN keyword needs to be programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A450

Explanation: The RB keyword needs to be programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A451

Explanation: The SG keyword needs to be programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A452

Explanation: The SU keyword needs to be programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A453

Explanation: The SE keyword needs to be programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A454

Explanation: The TM keyword needs to be programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A455

Explanation: The TN keyword needs to be programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A456

Explanation: The WN keyword needs to be programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A457

Explanation: Failed to identify a RIO cable.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A458

Explanation: Failed to read the I2C DP.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A459

Explanation: There was an error when synchronizing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A45A

Explanation: A send/receive failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A45B

Explanation: No manufacturing flag was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A45C

Explanation: The manufacturing policy flag is not set.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A45D

Explanation: Updating the System p BR keyword is not allowed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A45E

Explanation: Updating the SSD BR keyword is not allowed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A45F

Explanation: Failed to open a directory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A460

Explanation: An unknown type of error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A461

Explanation: An initialization operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A462

Explanation: Failed to set a thread attribute.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A463

Explanation: Failed to create and initialize an attribute object that was needed to create a thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A464

Explanation: A function call failed during vital product data (VPD) collection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181A465

Explanation: A function call failed during vital product data (VPD) collection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A466

Explanation: Unable to lock out all threads.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A467

Explanation: Unable to unlock the threads.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A468

Explanation: An error occurred when closing a handle.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A469

Explanation: The type/model field has already been updated once; the second update is not allowed because the type part of the type/model data does not match.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A46A

Explanation: An update for the given keyword not allowed for the second time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A46B

Explanation: An error occurred when trying to read a pin.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A46C

Explanation: An error was encountered when trying to find the VSYS record from the sytem VPD.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A46D

Explanation: No valid service processor VPD was found on this system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A46E

Explanation: An error occurred when collecting the system VPD to rebuild the VPD data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A46F

Explanation: Failed to write to a registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A470

Explanation: Invalid data was found in the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A471

Explanation: An untagged entry was found in the resource ID tree.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A472

Explanation: Failed to read an I2C device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A473

Explanation: An error occurred when setting the bus speed attribute for reading or writing an I2C device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A474

Explanation: Failed to read the system serial number on NVRAM, or invalid keyword length.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A475

Explanation: There was an error when synchronizing files.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A476

Explanation: An error occurred when setting the DIMM change flag.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A477 • B181A483

B181A477

Explanation: An error occurred when setting the speed attribute before reading a resource ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A478

Explanation: An invalid device type was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A479

Explanation: The VPD is being recollected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A47A

Explanation: A synchronization error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A47B

Explanation: All of the VPD was not collected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A47C

Explanation: An error occurred when converting a string.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A47D

Explanation: An error occurred when trying to synchronize the service processors (or system controllers).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181A47E

Explanation: The system VPD was not collected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A47F

Explanation: Failed to delete an entry from a table.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A480

Explanation: The processing of a table failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A481

Explanation: Failed to load a table.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A482

Explanation: A problem occurred when collecting the system VPD.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A483

Explanation: Unable to create a FRU callout.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A484

Explanation: Verification of the path from the service processor to the VPD card cannot be done because the sibling service processor does not exist.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A486

Explanation: A recalculation failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A487

Explanation: Failure in FRUM call to set up iomux for the VPD card.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A488

Explanation: Failure during FRUM waiting on VPD card device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A489

Explanation: Failure during FRUM waiting on configuration being complete.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A48A

Explanation: Failure during FRUM waiting on gpio devices becoming present.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A48B

Explanation: Failure when starting the background svpd server process.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A48C

Explanation: The svpd server process encountered a problem and has terminated.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A48D

Explanation: Failed to obtain the machine ID. It is possible that the system firmware does not support this model.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A48E

Explanation: Vital product data (VPD) validation was successful during a keyword update

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A48F

Explanation: Unable to find the IM keyword in the VPD record in this system's VPD card. Reprogram the VPD card with the correct VPD.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A490

Explanation: The VPD was guarded.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A491

Explanation: An untagged entry was found in the RID tree.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A492

Explanation: VPD is not collectible. Recollection of the VPD will be attempted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A493

Explanation: A listening failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A494

Explanation: A process message was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A495

Explanation: A synchronization between the primary and secondary service processors was requested. This operation timed out before it was complete.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A496

Explanation: An error occurred when trying to dynamically rebuild the module VPD table.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A497

Explanation: An error occurred when trying to dynamically rebuild the instance table.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A498

Explanation: An error occurred when setting the vital product data (VPD) state after a code or table check failure on the secondary service processor (or system controller).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A499

Explanation: An error occurred when trying to find a record during system vital product data (VPD) collection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A49A

Explanation: Too many devices were in the list.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A49B

Explanation: An error was returned by lstat() even though the directory entry should have been valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A49C

Explanation: Two I2C hub devices are in the list consecutively.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A49D

Explanation: No I2C devices were present in the vital product data (VPD) table device string that was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A49E

Explanation: An error occurred when trying to dynamically rebuild the HVAT table.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A49F

Explanation: An RLCA table of size 0 was read from P1.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4A0

Explanation: An RLCA table of size 0 was read from P1.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4A1

Explanation: An RLCA table of size 0 was read from P1.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4A2

Explanation: There was an error when trying to clear the data synchronization gzip file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4A4

Explanation: The SCED read for the backup path failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4A5

Explanation: There was an error in converting the string for verification of the secondary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4A6

Explanation: There was an error in converting the string for verification of the secondary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4A7

Explanation: Unable to find the IM keyword in the VSBP VPD record in this system's VPD card. The VPD card must be programmed with VPD which contains this keyword.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4A8

Explanation: There was an error when synchronizing with the server from the SVPD client side.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4AA

Explanation: Unable to find the parent CCIN of the resource ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4AB

Explanation: Unable to find a part number for a resource ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4AC

Explanation: Unable to find a serial number for a resource ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4AD

Explanation: Too many entries in this file; it could be the wrong file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4AE

Explanation: There was an invalid operation on the VPD formatted for a blade system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4AF

Explanation: Configuration on the I2C DP failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4B0

Explanation: Failed to get the node ID from the device address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4B1

Explanation: Failed to get the device string from the device address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4B2

Explanation: Failed to get the device string from the device address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4B7

Explanation: An error occurred when reading the file in "util generate file name".

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4B8

Explanation: There was an error returned from tmgt when called from SVPD.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4BA

Explanation: The VPD card is tagged for concurrent maintenance.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4BB

Explanation: Unable to obtain the VPD chip resource IDs.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4BC

Explanation: Failed to read the file from RO/svpd.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4BD

Explanation: The processing of the PD table failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4BE

Explanation: "Process and store" on the LED table failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4C1

Explanation: Failed to load tables to p1/svpd.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4C2

Explanation: RLCA INIT failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4C3

Explanation: There was an error when setting the IPL speed to slow.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4C4

Explanation: There was an error when setting the IPL speed to fast.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181A4C5

Explanation: There was an MDIA error when setting the DIMM change flag.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4C6

Explanation: An error occurred when getting the RID array while trying to rebuild the RLCA table.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4C7

Explanation: Failed to read the VPD collection status flag from the RLCA table.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4C8

Explanation: The VPD data for the resource ID was not found in p1.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4C9

Explanation: The serial number and feature number data in p1 are zero.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4CA

Explanation: The VPD read status was set to false in the RLCA; there was no VPD data in p1.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4CB

Explanation: The VPD data for the resource ID was not found in p1.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4CC

Explanation: A failure occurred during the renaming of the module VPD file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4CD

Explanation: An error occurred when trying to clear the data synchronization gzip file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4CF

Explanation: A failure occurred when reading the FN value for the RID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4D0

Explanation: A failure occurred when reading the serial number value for the RID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4D1

Explanation: Failed to add a file to the global synchronization list so that it can be scheduled for deletion on the secondary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4D2

Explanation: Failed to add a file to the global synchronization list so that it can be scheduled for synchronization with the secondary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4D3

Explanation: The global HVAT table is null, so writing the table to p1 is not possible.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4D4

Explanation: An error occurred when loading the table from p1.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4D5

Explanation: The primary device address is null.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4D6

Explanation: Unable to find the table in p1.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4D7

Explanation: The p1 table version does not match the NFS or RO/svcpd.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4D8

Explanation: The redundant device address value is null.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4D9

Explanation: Failed to rebuild VPD tables.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4DA

Explanation: There was a mismatch between the machine ID on the primary VPD card and the secondary VPD card. The secondary VPD card will be guarded out and the machine ID on the primary VPD card will be used.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4DB

Explanation: Failed to delete an entry from the RLCA table or its copy.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4E3

Explanation: The system VPD was not collected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4E4

Explanation: Firmware validation was successful.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4E5

Explanation: Firmware validation before a firmware installation was not successful.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4E6

Explanation: Firmware validation after a firmware installation was not successful.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A4FF

Explanation: An invalid command was encountered.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A701

Explanation: Request to get data for a service LED failed due to a software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A702

Explanation: Request to get data for a service LED failed due to a software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A704

Explanation: Request to obtain data for a service LED failed due to a software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A705

Explanation: Request to get data for a service LED failed due to a software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A707

Explanation: Request to turn on, turn off, or blink a service LED failed due to a software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A708

Explanation: Request to turn on, turn off, or blink a service LED failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A70D

Explanation: Request to turn on, turn off, or blink a service LED failed due to a software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A710

Explanation: Error occurred while locating an enclosure LED for the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A711

Explanation: Request to turn on, turn off, or blink a service LED failed due to a software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A71A

Explanation: Request to turn on, turn off, or blink a service LED failed due to a software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A71B

Explanation: Request to turn on, turn off, or blink a service LED failed..

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A71C

Explanation: Request to turn on, turn off, or blink a service LED failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A71D

Explanation: Request to turn on, turn off, or blink a service LED failed due to a device driver problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A71E

Explanation: Internal firmware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A71F

Explanation: Request to turn on, turn off, or blink a service LED failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A720

Explanation: Request to turn on, turn off, or blink a service LED failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A722

Explanation: Request to turn on, turn off, or blink a service LED failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A723

Explanation: Request to turn on, turn off, or blink a service LED failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A724

Explanation: Request to turn on, turn off, or blink a service LED failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A725

Explanation: An error occurred during first failure data collection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A726

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A727

Explanation: A call was made to get LED access data based on the RID, but the call to malloc failed to allocate memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A728

Explanation: A call was made to drive an LED to a specific state, but an error was returned.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A729

Explanation: A call was made to drive an LED to a specific state, but an error was returned.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A72A

Explanation: A call was made to drive an LED to a specific state, but an error was returned.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A72B

Explanation: An error was returned from a constructor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A802

Explanation: A failure occurred when retrieving an object reference.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A805

Explanation: A failure occurred during code execution.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A80B

Explanation: A failure occurred during code finalization.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A80E

Explanation: A failure occurred during code preparation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A80F

Explanation: An internal firmware database error occurred in the service processor firmware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181A81A

Explanation: This is an informational SRC; no service actions are required. It indicates that an internal command was not successfully executed the first time and had to be retried.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B001

Explanation: A chip was in an invalid position on the chain.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B002

Explanation: No chips were in the chain.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B003

Explanation: The commands that were added exceeded the chain command size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B005

Explanation: A chip was not found in the chain.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B006

Explanation: The ring buffer size was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B00B

Explanation: Failure to release the lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B011

Explanation: Failure when getting the facility.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B012

Explanation: An invalid device number was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B019

Explanation: An abort was signalled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B01B

Explanation: Failed to release a lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B01C

Explanation: An attempt was made to release a lock that was not held.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B026

Explanation: An invalid command ID was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B027

Explanation: The GetSCOM operation never completed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B028

Explanation: An invalid use was made of the JTAG interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B029

Explanation: An invalid use was made of the JTAG interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181B02D

Explanation: An unmatched cyclic redundancy check (CRC) was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B02E

Explanation: A chip detected cyclic redundancy check (CRC) miscompares on scan-in.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B02F

Explanation: SCOM attentions were detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B030

Explanation: Bad parity or an invalid command was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B031

Explanation: An invalid flush operation code was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B032

Explanation: The last bits of the chip status command were not the expected value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B033

Explanation: An invalid ring selection was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B034

Explanation: Failed to turn on a chip clock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B035

Explanation: Unable to stop the specified chip clock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B036

Explanation: An invalid function call was made.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B037

Explanation: An invalid function call was made.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B03E

Explanation: A prohibited command was found during an IPL step.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B03F

Explanation: Unable to find a processor node.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B041

Explanation: The chip ID that was scanned did not match the chip ID that was restored.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B101

Explanation: The domain pointer is of an unknown type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B102

Explanation: An invalid operation was specified by the function caller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B103

Explanation: A node without cards of a certain type should not be on top of a node with those cards.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B104

Explanation: The processor core functional unit in a nonfunctional state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B105

Explanation: The processor core is not functioning, or it cannot be detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B106

Explanation: There were no functional nodes found in the system. If this is a multi-processor-drawer system, the first node is not functioning.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B107

Explanation: The processor clock is not active, or there is no active clock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B108

Explanation: The processor clock is not functioning, or it cannot be detected, or there is no active clock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B109

Explanation: The object wasn't initialized.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B10B

Explanation: No functional direct memory access (DMA) paths were found. The system cannot boot.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B10C

Explanation: The resources used to complete a memory path are not functional.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B10D

Explanation: The resources used to complete a memory path are not detectable .

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B10E

Explanation: The time-of-day clock is not functional, or there is no active clock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B10F

Explanation: The time-of-day clock is not functioning, or it cannot be detected, or there is no active clock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B110

Explanation: The P5IOC2 was not functional.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B111

Explanation: The P5IOC2 is not functioning, or it cannot be detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B112

Explanation: Unsupported cards (designated by a CCIN of FFFF) were detected in the system. These cards have been deconfigured and are unusable system resources.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B113

Explanation: There was an error when using the rule facade classes.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B11E

Explanation: A FRU was not found for this object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B11F

Explanation: A FRU or MRU was not found for this object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B120

Explanation: An invalid value was passed into the function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B121

Explanation: The clock interface instance is null.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B123

Explanation: An error occurred with the hardware access monitor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B126

Explanation: The frequency for this clock card is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B128

Explanation: An invalid VPD port number was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B129

Explanation: The resource ID is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B12A

Explanation: An MCM has an invalid plug count.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B12B

Explanation: There is not enough hardware in the system to boot.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B12C

Explanation: An error occurred when creating a group object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B12D

Explanation: An invalid unit id was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B139

Explanation: There is no mainstore memory initialized; the size is zero.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B13B

Explanation: A hole was detected in the plugging of the nodes.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B13F

Explanation: The SMP cables are plugged incorrectly, or the SMP cables are the wrong type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B140

Explanation: The amount of memory that is configured has changed since the last system boot, so main storage cannot be preserved.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B142

Explanation: A light strip has been plugged in incorrectly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B143

Explanation: A card is plugged into an invalid slot. If this error occurred during a concurrent maintenance operation, it is possible that the system does not support adding this card concurrently.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B144

Explanation: An error occurred when using spif WBC commands.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B145

Explanation: A chip is missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B146

Explanation: The RTBL chip override key was set.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B150

Explanation: There was an error when attempting to create a group, and the function returned a null group pointer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B151

Explanation: Zero chips were found on the new or replacement card.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B153

Explanation: There was an error when attempting to create a system domain, and a null pointer was returned.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B158

Explanation: The creation of a cage pointer failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B15E

Explanation: There was a problem in calculating the clock multiplier and divider.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B15F

Explanation: An error was returned from ecmdDataBuffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B163

Explanation: An attention or checkstop was detected on the chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B165

Explanation: Memory cannot be preserved due to clock stop sequence.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B166

Explanation: Error in performing a sendCmd operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B167

Explanation: A processor chip was found to have zero cores active, which is an invalid configuration for the hypervisor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B169

Explanation: The SMP cables are plugged incorrectly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B16A

Explanation: The cable data doesn't match a known value. Verify that the SMP cables are plugged in securely.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B16B

Explanation: An attempt was made to access an invalid processor unit ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B16C

Explanation: A concurrent maintenance quiesce operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B16D

Explanation: A concurrent maintenance switch command failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B16E

Explanation: A concurrent maintenance node hot add operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B170

Explanation: The SMP cables, or the processor cards, are not plugged in correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B171

Explanation: An attempt was made to perform a hardware operation without a valid hardware operation lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B172

Explanation: An invalid card record was found in persistent memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B173

Explanation: An attempt was made to access a processor chip unit with an invalid ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B174

Explanation: No functioning service processor (or system controller) was found. The system boot must be aborted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B175

Explanation: The node configuration is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B176

Explanation: A system was found without a functional TPM card.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B177

Explanation: A functional TPM card was not found in a server that requires one.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B178

Explanation: An abort signal was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B17B

Explanation: Not all DIMMs in the current power domain have the same minimum voltage. DIMMs that do not have the lowest minimum voltage will be deconfigured.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B17C

Explanation: The DIMMs with the CCIN listed do not have a valid voltage in the DIMM definition file. Either the CCIN is corrupt or invalid, or not supported.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B19B

Explanation: The error analyzer detected a mailbox ADAL error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B201

Explanation: Dynamic recalibration is not valid on this elastic interface bus.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B204

Explanation: An unknown system type was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B205

Explanation: The SMGR_NON_MS_RIPL recovery IPL is hung.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B206

Explanation: Memory is not preserved.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B20B

Explanation: An attempt was made to transmit data to the LED lightstrip controller. The transmission failed due to an ADAL error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B2C1

Explanation: Internal software error: invalid object type passed to function

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B2C2

Explanation: Internal software error: the hardware is not in a valid state for the requested operation

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B2C3

Explanation: Internal software error: data buffer used incorrectly

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B2C4

Explanation: Internal software error: the firmware is in an invalid state for the requested operation

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B2C5

Explanation: One or more bus alignment errors occurred; look for prior error log entries with the format B1xxB2DF and take the recommended actions for those entries.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B2C6

Explanation: Internal software error: test routine failed

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B2CC

Explanation: Internal software error: invalid parameter passed into a function

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B2DC

Explanation: System attention line became active, but no chips appear to be activating it

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B2E3

Explanation: Unable to find the other side of the interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B2E4

Explanation: Internal software error: an operation was attempted on deconfigured hardware

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B2E7

Explanation: Chips that are not supported were found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B2EA

Explanation: An erepair was successful.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B301

Explanation: The firmware encountered an internal problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B302

Explanation: The firmare encountered an internal problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B303

Explanation: The firmware encountered an internal problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B304

Explanation: The firmware encountered an internal error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B305

Explanation: A chip-checker can only contain a pre-defined set of clock states, and the clock state of this chip-checker is not in this set.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B306

Explanation: The inversion mask of a ring can not be found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B307

Explanation: This is an internal firmware problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B308

Explanation: The firmware encountered an internal problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B309

Explanation: The firmware encountered an internal problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B30A

Explanation: The firmware encountered an internal problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B30B

Explanation: The firmware encountered a internal problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B30C

Explanation: The firmware encountered an internal problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B30D

Explanation: The firmware encountered an internal problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B30E

Explanation: The firmware is unable to allocate memory to store a list of rings. in its database.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B30F

Explanation: This is an internal firmware problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B310

Explanation: The firmare encountered an internal problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B311

Explanation: The firmware encountered an internal problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B312

Explanation: The firmware encountered an internal problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B313

Explanation: The firmware detected a problem where the defined data of a chip-checker is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B314

Explanation: This is an internal firmware problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B315

Explanation: This is an internal firmware problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B316

Explanation: The parity checking of the chip data failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B317

Explanation: An internal firmware error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B318

Explanation: The firmware encountered a problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181B319

Explanation: The firmware encountered a problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B31A

Explanation: The firmware encountered an internal problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B31B

Explanation: The firmware has detected a problem where a chip is accessed when the chip is not at an appropriate clock state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B31C

Explanation: The firmware encountered an internal problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B31F

Explanation: The scan ring's factory pointer is null.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B481

Explanation: The service processor was unable to turn on a chip clock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B482

Explanation: The service processor was unable to turn off a chip clock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B483

Explanation: Failure of a chip clock operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B484

Explanation: Internal firmware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B485

Explanation: The clock selection value is not supported on this system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B486

Explanation: Internal firmware error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B487

Explanation: The chiplet base address is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B501

Explanation: A function was illegally called.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B503

Explanation: The tables were asked for information they didn't have.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B505

Explanation: An error was encountered while trying to create an object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B507

Explanation: The node ID and domain ID did not describe a unique entry in this table.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B508

Explanation: File failure or end-of-file detected while reading the table.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B509

Explanation: The end of the table was reached before it was expected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B50A

Explanation: An invalid parameter was passed in or detected from the table.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B50B

Explanation: Unable to open the general purpose I/O (GPIO) engine to read the slot ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B50C

Explanation: Rule was unable to open, or access, the library that was indicated in the table.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B50D

Explanation: A class indicated in the tables has not been found in the shared libraries on this build.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B50F

Explanation: An error was error returned from ecmdDataBuffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B510

Explanation: An unsupported HDCT formatVersion was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B511

Explanation: There is no record of this card in the configuration of this system; unable to find a resource ID for it.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B51B

Explanation: The memory DIMMs in the system are not supported by the system firmware. Check for a newer level of system firmware and apply if available.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B703

Explanation: Unable to find an object in the mapper

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B710

Explanation: An internal firmware error occurred - the data cannot be flattened.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B711

Explanation: An internal firmware error occurred - the buffer sizes were not consistent.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B712

Explanation: An internal firmware error occurred - the data cannot be flattened.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B713

Explanation: An internal firmware error occurred - the data cannot be flattened.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B715

Explanation: The "manual power off" setting is not allowed since there is only one node in the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B716

Explanation: The IPL was restarted due to hardware deconfiguration. This is an informational message; no action is required.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B717

Explanation: An internal firmware error occurred - there was a data buffer error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B718

Explanation: Unable to find a functional communication path between the service processor and the processor. Look at the error logs and guard records to isolate the failing or missing hardware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B719

Explanation: An internal firmware error occurred - the registry key was set to an invalid value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B71A

Explanation: An internal software error occurred - a persistent data value was not set as expected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B71B

Explanation: The firmware was not able to find a processor card in this system. Look for other error log entries that indicate problems with VPD collection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B71C

Explanation: The VPD cannot be updated with the new L2 line-delete information because the record is already full.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B71D

Explanation: There is no space left in the line delete table.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B71E

Explanation: The VPD cannot be updated with the new L3 line-delete information because the record is already full.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B720

Explanation: The VPD indicates less space for line-delete entries than the firmware expects. This is an informational message; no action is required.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B722

Explanation: An internal software error occurred - there was a data size mismatch.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B723

Explanation: An undefined memory channel was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B724

Explanation: The vital product data (VPD) already has a failing bit for this interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B727

Explanation: An internal software error occurred - the part that was specified is already deconfigured.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B728

Explanation: The VPD information was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B729

Explanation: There was a pattern mismatch during the DMA test between the service processor and the processor; memory could not be read from or written to correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B72A

Explanation: An error was received when attempting a DMA operation between the service processor and the processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B72B

Explanation: An internal software error occurred; attempting to execute firmware on the secondary service processor to recover.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B72C

Explanation: An internal error occurred - the hardware is in an unexpected state the for current operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B72D

Explanation: This is an error log entry created by a debug routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B72E

Explanation: A CHIC abort was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B72F

Explanation: An unsupported system type was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B731

Explanation: The secondary service processor cannot be tested in its current state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B732

Explanation: An internal firmware error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B733

Explanation: An internal firmware error occurred when attempting to handle a hardware error. Look for previous entries in the error logs indicating a hardware error and follow the recommended actions.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B734

Explanation: The CHIC operation received a signal.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B736

Explanation: Failed when writing data to a memory buffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B737

Explanation: The firmware detected corruption of the GX reservation are in P2.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B738

Explanation: The system must be rebooted before making a GX adapter slot reservation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B739

Explanation: Not enough memory was available to reserve a GX adapter.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B73B

Explanation: The calling function passed an invalid resource ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B73C

Explanation: A potential deadlock was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B73D

Explanation: A lock was held beyond the threshold.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B73E

Explanation: No progress on the IPL due to locks being held.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B73F

Explanation: The CEC experienced a power line fault or outage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B740

Explanation: The secondary service processor is seeing missing devices.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B741

Explanation: A hardware object manager (HOM) operation exceeded the allotted time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B742

Explanation: The hardware object manager (HOM) firmware may be hung.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B765

Explanation: Duplicate erepair entries were found in the control module vendor VPD.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B766

Explanation: The threshold of correctable errors was exceeded on the control module.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B820

Explanation: Internal software error

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B825

Explanation: Unable to stop instructions on a processor

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B82B

Explanation: Internal software error

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B82E

Explanation: Internal software error: attempt to perform operation from the wrong state

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B830

Explanation: Internal software error

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B834

Explanation: Internal software error: the hardware to perform requested operation was not found

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B835

Explanation: Internal software error

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B836

Explanation: Internal software error

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B181B838 • B181B85D

callouts detailed with the SRC to determine service actions.

B181B838

Explanation: Internal software error: hardware in incorrect state for attempted operation

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B839

Explanation: Internal software error: invalid parameter passed into function

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B83B

Explanation: Unable to start executing instructions on a processor

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B83C

Explanation: Unable to step instructions on a processor

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B83F

Explanation: An ECMD returned a non-zero return code.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B841

Explanation: Failure occurred while attempting to flush caches out to main storage

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B84C

Explanation: Failed to complete self-synchronization.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B857

Explanation: Unable to properly quiesce I/O hardware

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B858

Explanation: Internal software error: required data is missing

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B859

Explanation: Internal software error: required data missing

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B85A

Explanation: Internal software error: error received from device driver

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B85D

Explanation: The memory queues are not empty.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B85E

Explanation: A maintenance command timed out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B85F

Explanation: A memory operation failed

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B860

Explanation: A command was in progress while trying to send a maintenance command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B862

Explanation: Hardware SMP bus alignment did not complete successfully

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B87B

Explanation: Internal software error: required attribute not set

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B87C

Explanation: Internal software error: attempted to call invalid function

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B87D

Explanation: Internal software error: an operation was attempted on deconfigured hardware

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B884

Explanation: An unsupported operation was attempted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B887

Explanation: Internal software information log entry; informational message only.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B889

Explanation: Hardware configuration is invalid

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B88B

Explanation: An internal firmware error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B88D

Explanation: Internal software error: data buffer used incorrectly

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B88E

Explanation: Internal software error

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B890

Explanation: Unable to initialize internal hardware bus

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B891

Explanation: Errors were detected on an internal bus

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B892

Explanation: HEA (host ethernet adapter) SCOM did not complete.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B893

Explanation: An internal firmware error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B894

Explanation: A hardware timeout occurred during a cache operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B895

Explanation: A hardware time-out occurred when attempting to access a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181B896

Explanation: A hardware error was detected on the LDC chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B897

Explanation: The information from wire test is not available.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B898

Explanation: The hypervisor has not handed off the bus. There may be a hardware problem with the interrupt.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B899

Explanation: Unable to determine a valid self-sync delay value based on the system type and nest frequency.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B89A

Explanation: A hot removal operation did not complete successfully.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B89B

Explanation: The value for the maximum number of threads per processor core was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181B89C

Explanation: The throttling bits were invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B8F2

Explanation: SMA microcode failed to execute correctly

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B8F3

Explanation: A hardware operation timed out

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B8F6

Explanation: Informational message: bootstrap was successful, but the service processor (or system controller) was not allowed to set the MP available latch.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B8F7

Explanation: A checkstop was detected on a chip during a concurrent maintenance operation

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B901

Explanation: The firmware encountered an internal problem: it can't create an engine object for the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B904

Explanation: The firmware detected an internal problem where the JTAG lock usage counter has an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B905

Explanation: The firmware encountered an internal problem when it created a JTAG engine object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B906

Explanation: The firmware was unable to create a JTAG chain object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B907

Explanation: The firmware detected an internal problem: it attempted a JTAG scan operation without a JTAG lock being granted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B90B

Explanation: A duplicate device string was in the list of devices returned from the field replaceable unit (FRU) manager.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B90C

Explanation: An engine is missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B910

Explanation: The firmware is unable to collect the FFDC data from the ADAL (access device abstraction layer).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B911

Explanation: The firmware is unable to unlock the FFDC data after collecting it from the ADAL (access device abstraction layer).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B912

Explanation: The firmware is unable to reset the ADAL (access device abstraction layer) after an error condition.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B913

Explanation: The firmware encounters an error when opening an ADAL (access device abstraction layer) to a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B914

Explanation: An error was encountered when the firmware tried to close the SCAN/SCOM device driver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B915

Explanation: The SCOM device driver is unable to scan the data out from the ID register

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B916

Explanation: The firmware encountered an internal problem: a chip doesn't have a valid scan interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B917

Explanation: An ADAL SCOM error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B918

Explanation: An ADAL PSI error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B919

Explanation: An ADAL JTAG error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B91A

Explanation: Unable to find the appropriate ADAL interface for the device type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B91B

Explanation: An error was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B91C

Explanation: Failed to open the test of a JTAG device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B91D

Explanation: Failed to close the test of a JTAG device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B920

Explanation: The firmware encountered an error when shifting a command into a chip as part of a scan operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B921

Explanation: The firmware encountered an error when shifting data into a chip as part of a scan operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B922

Explanation: The firmware encountered an error when shifting data out from a chip as part of a scan operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B923

Explanation: The firmware encountered an error when shifting data out from the JTAG chain into a memory buffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B924

Explanation: The firmware timed out when waiting for a JTAG lock to be granted by the JTAG ADAL (access device abstraction layer).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B925

Explanation: The firmware encountered an error when requesting the JTAG ADAL (access device abstraction layer) to release the JTAG lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B926

Explanation: The firmware is unable to set the JTAG TAP (test access port) controller to a desired state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B927

Explanation: The JTAG device driver was unable to write to the scan register.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B928

Explanation: The JTAG device driver is unable to clear the scan register.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B929

Explanation: The JTAG ADAL (access device abstraction layer) failed to perform an SSR (simple scan register) scan.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B92A

Explanation: The JTAG ADAL (access device abstraction layer) failed to perform an STSR (storage scan register) scan.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B92B

Explanation: The JTAG device driver encountered an error when reading one of the registers inside the chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B92C

Explanation: The JTAG device driver encountered an error when writing to one of the registers inside the chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B92D

Explanation: The firmware was unable to reset the JTAG TAP (test access port) controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B92E

Explanation: The JTAG device driver encountered an error when trying to scan the hardware level register out from a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B92F

Explanation: JTAG device driver encountered an error when trying to shift data into or out of a chip

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B930

Explanation: ADAL returned error from the call to `rdal_jtag_force_lock`.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B940

Explanation: The SCOM device driver encountered an error when trying to read the status register of a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B941

Explanation: The firmware encountered an error when trying to read data from a ring inside a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B942

Explanation: The firmware encountered an error when trying to read data from an SCOM register inside a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B943

Explanation: The firmware encountered an error when trying to write data to a ring inside a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B944

Explanation: The firmware encountered an error when trying to write data to an SCOM register inside a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B945

Explanation: The SCOM device driver encountered an error when trying to read a GP (general purpose) register of a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B946

Explanation: The SCOM device driver encountered an error when trying to write to a GP (general purpose) register of a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B947

Explanation: The ADAL failed to send a command to a chip to perform a specified operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B948

Explanation: Unable to start a data flushing process on a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B949

Explanation: Unable to stop a data flushing process on a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B94A

Explanation: The SCAN/SCOM device driver encountered an error when trying to read an internal register on a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B94B

Explanation: The SCAN/SCOM device driver encountered an error when trying to write to an internal register of a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B955

Explanation: The PSI (processor support interface) device driver encountered an error when reading an SCOM register from the service processor chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B956

Explanation: The PSI (processor support interface) device driver encountered an error when writing to an SCOM type register from the service processor chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B957

Explanation: The PSI (processor support interface) device driver encountered an error when reading from an SCOM-type register on the service processor chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B958

Explanation: The PSI (processor support interface) device driver encountered an error when writing to an elastic interface type register from the service processor chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B959

Explanation: There was an ADAL mailbox scratch read error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B95A

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B961

Explanation: The firmware detected an internal problem: it released a JTAG lock that wasn't granted to it.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B962

Explanation: The firmware encountered an internal problem: it can't create a chip status object for a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B963

Explanation: The firmware detected that the value scanned out from the Instruction status register of the chip is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B964

Explanation: The firmware detected an SCOM attention raised from the specified chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B965

Explanation: The firmware detected a non-SCOM vital error from the specified chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B966

Explanation: The firmware detected a CRC miscompare error from the specified chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B967

Explanation: The firmware detected either a parity error or an invalid command attention raised from the specified chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B968

Explanation: The firmware encountered an internal problem: a request to send an invalid JTAG command to the chip was made.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B969

Explanation: The firmware detected an error in the CRC calculation from the last data scanned out from the chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B96A

Explanation: The firmware detected an internal error: a chip doesn't have a valid functional unit or rule facade.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B96B

Explanation: The firmware encountered an error: access to a ring that does not exist in the system data base was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B96C

Explanation: The firmware detected an internal error: access to an invalid GP (general purpose) register was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181B96D

Explanation: The firmware encountered an internal problem: a request to send an invalid JTAG command has been sent to the chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B980

Explanation: The firmware encountered an internal problem: it can't create a chip status object for a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B981

Explanation: The firmware encountered an internal problem: the number of SCAN and SCOM device strings doesn't agree.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B982

Explanation: The firmware has detected an SCOM attention raised from the specified chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B983

Explanation: The firmware detected a parity attention raised from the specified chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B984

Explanation: The firmware encountered an internal error: access to an invalid GP (general purpose) register is requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181B985

Explanation: The firmware encountered an internal error doing operations using the ECMD data buffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B986

Explanation: The firmware encounters an internal problem: the string that specifies the location of a chip is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B987

Explanation: An internal register address was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B988

Explanation: A scan register was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B989

Explanation: An SCOM register was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B995

Explanation: The firmware encountered an internal error: access to an invalid service processor register type is requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B996

Explanation: The firmware encountered an internal error: access to a PSI (processor support interface) register with an incorrect offset was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B997

Explanation: The firmware encountered an internal error: access to an invalid service processor register address is requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B998

Explanation: The firmware encountered an internal error: access to an invalid service processor register address was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B999

Explanation: An unsupported operation was attempted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B99A

Explanation: Calling out the service processor test.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9A0

Explanation: The same device string appeared more than once in the list returned from FRUM FRU mGetDeviceList().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9A1

Explanation: The firmware encountered an internal problem; it can't find a chip object that is supposed to be system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9A2

Explanation: The system has issued an abort request while a chip is being scanned.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9A3

Explanation: The virtual power on (VPO) GetSCOM operation never finished.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9A4

Explanation: An illegal call to getChipIds for hyperboot mode was made with a hyperboot registry key that was not enabled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9B0

Explanation: The firmware encountered an internal error: a chip command is sent in to the wrong type of chips.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9B1

Explanation: The ivJtagEnginePtr pointer is NULL.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9B2

Explanation: The scan error type was invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9B4

Explanation: The firmware encountered an internal problem: a request to send an invalid JTAG command ID has been sent to the LDC chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9B5

Explanation: The firmware encountered an internal problem: it can't create a chip status object for a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9B6

Explanation: The ivFspEnginePtr pointer is NULL.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9B7

Explanation: Failed to initialize a chip status object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9C0

Explanation: The firmware encountered an internal error: the position of a chip in a JTAG chain is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9C2

Explanation: The firmware encountered an internal error: the number of commands sent into the chips (in a chain) exceeds the storage buffer size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9C4

Explanation: The firmware encountered an internal error: it can't locate a chip that is supposed to be on specified JTAG chain.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9C5

Explanation: The firmware encountered an internal error: the size of the data buffer that was provided is not large enough to hold the data scanned out from the chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9C7

Explanation: The verification of the JTAG chains in the system failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9CB

Explanation: An unsupported scan type was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9D0

Explanation: The general purpose (GP) register number was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9D1

Explanation: An error was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9D2

Explanation: A chip checkstop was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181B9D8

Explanation: A P7 PCB PIB time out occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C002

Explanation: CINI has encountered a software failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C004

Explanation: A clock failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C005

Explanation: CINI detected a processor clock failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C009

Explanation: CINI failed to enable the host PCI bus

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C00A

Explanation: CINI failed to verify the host PCI bus

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C00C

Explanation: CINI has detected an invalid sharing configuration. Too many or too few memory controllers are present.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C00F

Explanation: CINI was unable to find a system elastic interface table for this backplane.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C010

Explanation: CINI was unable to find an elastic interface ID entry for the chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C019

Explanation: CINI tried to get an object that could not be found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C01A

Explanation: CINI received a bad parameter from the calling function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C01B

Explanation: CINI was unable to find the frequency data that was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C01C

Explanation: CINI has detected an invalid hardware configuration.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C01D

Explanation: CINI has detected a user-overridden logical memory block (LMB) size that is not valid for the system's memory size. The CINI will instead use the default LMB size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C021

Explanation: CINI was unable to find a plugin object for the functional unit object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C022

Explanation: CINI has received an object that is not the correct type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C024

Explanation: Before an object was initialized, a function was called on it.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C025

Explanation: The CEC initialization interpreter failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C026

Explanation: CINI has detected an attempt to execute an operation that is unsupported.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C027

Explanation: CINI has received invalid data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C02C

Explanation: A CINI call to an ECMD function returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C02F

Explanation: No master time-of-day clock chip was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C030

Explanation: CINI has detected an SCOM attention on a chip. This chip will be deconfigured.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C031

Explanation: CINI has detected an invalid frequency setting.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C032

Explanation: CINI has received a chip ID that was not found in the elastic interface table.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C037

Explanation: CINI failed to find a connection to or from the chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C038

Explanation: CINI was unable to find the time-of-day wire delays.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C039

Explanation: CINI was unable to find the card name for the CCIN that was passed in.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C03A

Explanation: CINI has detected a time-of-day delay for a chip that is too large.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C03B

Explanation: No fabric path was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C03C

Explanation: The time-of-day clock path was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C03D

Explanation: CINI was unable to reach the requested clock frequency.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C03F

Explanation: CINI was unable to obtain a phased-locked loop (PLL) lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C041

Explanation: Setting the clock frequency failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C042

Explanation: There is no memory available in the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C043

Explanation: CINI was unable to place a TCE in available memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C044

Explanation: CINI was unable to find the chip ID of the attached I/O hub.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C045

Explanation: CINI has received an unrecognized logical memory block (LMB) size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C046

Explanation: Multiple requests were made for the same interleaving group for in-memory trace.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C047

Explanation: CINI has received a request for in-memory trace that is larger than the available memory in the group.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C048

Explanation: CINI has received a request for in-memory trace that would cover the first 64 MB of addressable memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C04A

Explanation: A failure occurred when getting the configuration variable.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C101

Explanation: No object was found that describes and allows access to the hardware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C102

Explanation: The hardware that is being accessed is marked "not functional".

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C103

Explanation: There is no way to determine the hardware characteristics necessary to access it.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C105

Explanation: The proper setup was not done prior to accessing hardware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C106

Explanation: The clocks must be on, and they are not on.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C107

Explanation: The clocks are still running; they must not be running to access an array.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C108

Explanation: The functional unit target had not been selected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C111

Explanation: Setup was done incorrectly prior to calling the firmware that accesses hardware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C112

Explanation: The input stage flags were not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C116

Explanation: The proper setup was not done prior to entering a mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C117

Explanation: Setup was done incorrectly prior to attempting to access the general purpose register.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C118

Explanation: An attempt was made to access the processor hardware without the proper set up being done.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C119

Explanation: A function returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C11A

Explanation: Instruction execution timed out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C11B

Explanation: Core-specific array access requires a core unit ID; none was provided.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C11C

Explanation: A function was called that is not supported.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C11E

Explanation: An error was detected when reading system storage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C11F

Explanation: The clocks are off, and no scan method is available.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C120

Explanation: An invalid chip ID was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C123

Explanation: An error occurred in a procedure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C125

Explanation: An attempt was made to initialize optimizations when optimizations are currently enabled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C126

Explanation: Scanring caching is on; it must be off prior to accessing a scanring.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C128

Explanation: No trace arrays were found on a chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C12B

Explanation: An invalid relative thread number was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C12C

Explanation: An invalid trace array type was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C12D

Explanation: An invalid chip ID for the I/O hub was encountered.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C12E

Explanation: An invalid chip ID was encountered.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C12F

Explanation: An invalid chip ID was encountered.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C130

Explanation: An internal address counter error was detected while reading system storage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C131

Explanation: A command error was detected while reading system storage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B181C132 • B181C218

callouts detailed with the SRC to determine service actions.

B181C132

Explanation: An error was detected when reading system storage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C133

Explanation: An invalid address range was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C134

Explanation: An invalid starting address was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C135

Explanation: The number of bytes was invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C136

Explanation: An invalid memory address was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C137

Explanation: An attempt was made to enter a mode with a thread that is not functioning.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C140

Explanation: An attempt was made to enter RAM mode with a processor core that is not functioning.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C141

Explanation: An error occurred when attempting to read main storage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C142

Explanation: An error occurred when attempting to read main storage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C144

Explanation: An error occurred when attempting to read main storage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C145

Explanation: An error occurred when attempting to write to main storage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C218

Explanation: An unknown chip group was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C220

Explanation: Parameter 1 was invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C263

Explanation: The valid bit was not set.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C264

Explanation: An invalid clock state was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C288

Explanation: An unexpected signal was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C29E

Explanation: RSN code authorization failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C2B1

Explanation: The SMGR returned bad status.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C2B2

Explanation: An invalid istep was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C2B3

Explanation: The beginning istep name was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C2B4

Explanation: An invalid istep name was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C2B8

Explanation: Ring cache is enabled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C2C6

Explanation: A memory address was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C2CA

Explanation: A memory service routine failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C2EB

Explanation: The licensed internal code sent incorrect command values.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C350

Explanation: The application received a signal.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C351

Explanation: CHIC was aborted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C352

Explanation: The string parameter cannot be empty for this function type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C353

Explanation: An error occurred when receiving a message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C356

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C357

Explanation: An invalid command was sent.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C358

Explanation: A failure occurred when obtaining a lock in the serial thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C359

Explanation: An error occurred when sending a message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181C35A

Explanation: An error occurred when sending a message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C35B

Explanation: An error occurred when receiving a message.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C35E

Explanation: There was an error initializing the server daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C35F

Explanation: An error handle passed in was null.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C366

Explanation: An error occurred when flattening data for a call to the hardware object manager (HOM).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C36A

Explanation: A parameter was missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C36B

Explanation: An unrecognized command was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C36C

Explanation: A function was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C36D

Explanation: There were unused parameters.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C36E

Explanation: An unknown option was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C36F

Explanation: A value was missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C370

Explanation: An invalid function type was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C371

Explanation: A variable was out of range.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C372

Explanation: An invalid character was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C373

Explanation: An unknown value was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C374

Explanation: A buffer was too small.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C375

Explanation: An unknown output type was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C376

Explanation: A network error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C378

Explanation: An unsupported HMC operation was attempted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C379

Explanation: An error occurred when flattening a data buffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C37A

Explanation: An error occurred when unflattening data returned from a call to the hardware object manager (HOM).

Response: If this is a tracking event, detailed with the SRC to determine service actions.

B181C6E9

Explanation: No ASIC found

Response: If this is a tracking event, detailed with the SRC to determine service actions.

B181C70B

Explanation: The failed to get the time of day.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C70C

Explanation: The memory controller object was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C70D

Explanation: The memory controller had been set to an invalid state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C718

Explanation: The main storage diagnostics detected an uncorrectable error on a DRAM.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C719

Explanation: Too many correctable errors were detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C727

Explanation: The firmware failed to read the line delete from VPD.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C72A

Explanation: The RIO port speed is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C72C

Explanation: The number of packets received did not equal the number of packets sent, of the cyclic redundancy check (CRC) did not = 0.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C72F

Explanation: The physical status registers were not set to link; the test cannot proceed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C730

Explanation: The number of packets received did not equal the number of packets sent, of the cyclic redundancy check (CRC) did not = 0.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C734

Explanation: An invalid address was found in the test case list.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C737

Explanation: The load type of the test case structure did not indicate the memory type test case.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C73B

Explanation: While iterating through the list of core functional units, a null pointer was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C73C

Explanation: Failed to get a pointer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C73D

Explanation: The test did not complete within the specified time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C73E

Explanation: The test did not complete within the specified time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C73F

Explanation: The data in the status address is not changing. Data should be changing if the test were running correctly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C740

Explanation: The L2 AVPS test has completed successfully (informational message).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C741

Explanation: Failed to get the CEC cage functional unit group.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C743

Explanation: The test case number that was provided was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C744

Explanation: The CEC cage number that was provided did not match the expected value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C749

Explanation: Unable to read AVPS data from a file into ecmd data buffer

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C74E

Explanation: A failure occurred while checking the status of the memory test case.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C750

Explanation: A failure occurred while getting instruction status from the core, but the attention handling routine didn't find any errors.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C751

Explanation: The memory AVPS test has completed successfully (informational message).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C752

Explanation: There was no core in the EC range.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C753

Explanation: While iterating through the list of core functional units, a null pointer was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C754

Explanation: Failed to get connected fabric functional pointer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C76A

Explanation: Informational message: An L3 line delete occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C801

Explanation: Wire test detected a CST error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C802

Explanation: The wire test firmware detected an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C80F

Explanation: The wire test error log is full.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C81A

Explanation: A null pointer was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C81B

Explanation: A problem was found with a hardware object manager (HOM) unit ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C820

Explanation: The calling function provided an invalid L3 chip hardware object manager (HOM) unit ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C822

Explanation: Informational message: An e-repair was done successfully.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181C823

Explanation: The system processor group object was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C826

Explanation: An error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C82B

Explanation: Service processor cable test failure: wrong cable ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C82D

Explanation: Service processor cable test failure: drawer not present.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C851

Explanation: Wire test detected more than 64 wire errors; the log file is full.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C853

Explanation: An error was detected by the operating system when communicating with the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C854

Explanation: Wire test has detected an RDT error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C876

Explanation: An e-repair was successfully applied.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C877

Explanation: An e-repair was applied successfully.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C87C

Explanation: An error occurred when getting the functional unit for the receiver.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181C953

Explanation: An error was detected by the operating system when communicating with the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181CA01

Explanation: The resource was guarded out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181CA02

Explanation: Informational only: Guard actions performed on items the system detected and guarded during runtime, or that were guarded out using the ASMI.

B181CA03 • B181CA12

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181CA03

Explanation: The guard data did not exist because it was the first boot of this system, or NVRAM had been cleared. Guard data is now available.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181CA04

Explanation: Guard detected a new version of the guard data area. The guard data area was reformatted and the previous guard actions have been lost.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181CA05

Explanation: The guard firmware detected corrupted guard data. The guard data was reformatted and all previous guard actions have been erased.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181CA06

Explanation: The guard function was not able to open the guard memory file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181CA07

Explanation: A bad return code was received from reading a utility file or seeking in a utility file when trying to read the processor domain data from the guard file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181CA08

Explanation: A bad return code was received from reading a utility file or seeking in a utility file when trying to read the processor domain data from the guard file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181CA0C

Explanation: Failed to get the hardware object manager (HOM) unit ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181CA0E

Explanation: An error was received when trying to read a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181CA0F

Explanation: An error log was received from the SVPD when trying to read the VPD for a given resource ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181CA11

Explanation: The resource ID was not found in the system guard data file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181CA12

Explanation: Manual deconfiguration of the service processor (or system controller) is not allowed because the service processor has already been deconfigured by the system, or the system is at runtime.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181CA15

Explanation: Unguarding the sibling service processor is not allowed at runtime.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181CC60

Explanation: The oscillator (clock) card is not functional.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181CD0A

Explanation: The number of lane failures between the control module and the optical links exceeded the threshold during an internal test.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181CD0B

Explanation: The number of lane failures between the control module and the optical links exceeded the threshold during an internal test.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D003

Explanation: A nonzero status code was returned.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D004

Explanation: An unknown error occurred when trying to obtain the indicator status.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D005

Explanation: The hypervisor reported an error when turning off the parent indicator.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D006

Explanation: An unknown error occurred when trying to update the indicator status.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D007

Explanation: There was a failure when getting the SPIF data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D008

Explanation: Socket creation (for listening) failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D009

Explanation: A call to bind() failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D00F

Explanation: A signal was received that not is handled by the ASMI.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D010

Explanation: The service processor is being reset.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D102

Explanation: The write interface failed while initializing a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D103

Explanation: The read utility failed on a breakpoint attention

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D104

Explanation: The write operation failed when writing to the atnDataFile.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D108

Explanation: Failed to initialize the HYSR flag.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D109

Explanation: The read utility failed after a breakpoint attention

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D10B

Explanation: A null pointer was received from the mapper; a pointer to the JTAG engine being used was expected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D10D

Explanation: The system failed to respond after a recoverable error was eliminated .

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D10E

Explanation: A JTAG failed while waiting for an attention

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D10F

Explanation: DA alter failed during the write to main storage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D110

Explanation: There was a failure when reading a JTAG register.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D112

Explanation: Failed to enable attentions through the enable attentions interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D113

Explanation: JTAG timed out while waiting for a lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D114

Explanation: Disabling the attentions failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D116

Explanation: Failed to get P0 root path size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D117

Explanation: Failed to write a flag to the registry .

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D118

Explanation: Failure when opening the Ahdata.dat file for a write operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D119

Explanation: The hypervisor wrote an invalid SRC in the attention area.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D11A

Explanation: A communications failure occurred on the primary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181D11B

Explanation: The write utility failed when writing the termination flag.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D11C

Explanation: An emergency power off (EPO) PLCK failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D11D

Explanation: A spurious attention was detected after attempting to clear all attentions for the ISR.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D11E

Explanation: CHIC timed out while getting a reserve ID to process a processor checkstop.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D11F

Explanation: Failed while attempting to release the CHIC reserve.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D120

Explanation: The processor runtime diagnostics failed to create an error handle for a processor checkstop.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D121

Explanation: Failed to read main storage after a breakpoint attention

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D122

Explanation: Failed to write to main storage after a breakpoint attention.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D123

Explanation: A bad return code was received from a write operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D124

Explanation: A JTAG lock cannot be released.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D125

Explanation: CHIC failure when getting a functional group

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D126

Explanation: HDAT failed while mapping main storage to get attention areas.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D127

Explanation: DA display failed during the write to main storage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D128

Explanation: An EcmdDataBuffer set length failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D12B

Explanation: AH server processor failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D12C

Explanation: HYRS interface failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D12D

Explanation: A CCSP interface failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D12E

Explanation: SBCU interface failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D12F

Explanation: Disabling the attentions failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D131

Explanation: There was a failure of the mailbox interface on an asset protection attention .

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D133

Explanation: The CECserver firmware detected a stopped clock due to an error attention.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D134

Explanation: AH server process failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D135

Explanation: A function returned with a failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D136

Explanation: The read utility failed to read the current IPL type from the state manager.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D137

Explanation: A chip was asked to service a special attention, but it doesn't support it .

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D138

Explanation: The hypervisor requested a TI; an error log is built with the terminating SRC

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D139

Explanation: Manufacturing interface to read the policy flag failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D13A

Explanation: The call to generate an event failed during a non-IO checkstop.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D13B

Explanation: A null pointer was received; a pointer to the functional unit group SystemProc was expected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D13E

Explanation: The list of chips at attention came back empty; attention processing cannot continue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D13F

Explanation: The read utility failed to read the current role of the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D140

Explanation: An event timed out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D141

Explanation: The chip attention handler was asked to handle an invalid attention type .

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D142

Explanation: A master attention alone was detected. This is a condition where the master attention bit is active when there are no valid attention types triggering this attention.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D143

Explanation: A thread that isn't alive raised a special attention.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D144

Explanation: One or more lines are stuck low because the value read back does not match the value

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D145

Explanation: An scom attention was detected on the current chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D146

Explanation: The incorrect object was used.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D147

Explanation: Failed to create the FSI thread attribute object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D148

Explanation: F ailed to get a lock

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D149

Explanation: The attention handler received an unexpected signal .

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D14A

Explanation: Error creating the chip ADAL strings file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D14D

Explanation: P5IOC attention-handling-in-progress set.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D14E

Explanation: No attention line group object was found for this chip.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181D14F

Explanation: Failed to get the chip device strings

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D150

Explanation: Call out the chips on the attention line that caused the attention.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D151

Explanation: There was a callout failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D154

Explanation: The threads are not finished.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D155

Explanation: There was a connection failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D159

Explanation: An invalid register value was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D15A

Explanation: Power fault detected while processing checkstop.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D15D

Explanation: An empty list was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D15F

Explanation: An SCOM attention/checkstop scenario was encountered.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D160

Explanation: The attention component is terminating.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D161

Explanation: A monitor failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D165

Explanation: A clock failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D223

Explanation: A failure occurred when reading a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B181D224 • B181D230

callouts detailed with the SRC to determine service actions.

B181D224

Explanation: An unknown box value was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D225

Explanation: A failure occurred when reading a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D226

Explanation: A failure occurred when reading a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D227

Explanation: A failure occurred when reading a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D228

Explanation: A failure occurred when trying to read the processor speed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D229

Explanation: An error occurred when a query was made of the power management mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D22A

Explanation: Unable to configure a target.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D22B

Explanation: An error occurred in a function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D22C

Explanation: A failure occurred when forking a child process.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D22D

Explanation: Unable to signal the other processes to clean up via a system call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D22E

Explanation: The daemon may not be running.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D22F

Explanation: The parser encountered too many of a special character on a single line.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D230

Explanation: Unable to create a new daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181D231

Explanation: An error occurred in a system call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D232

Explanation: A failure occurred in a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D233

Explanation: Unable to open the log file header after two attempts.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D234

Explanation: Unable to open the log file after two attempts. .

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D235

Explanation: Unable to write the log file header.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D236

Explanation: Unable to write the log file data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D237

Explanation: The stepsize is zero, which is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D238

Explanation: An error occurred in a system call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D239

Explanation: An error occurred in a system call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D23A

Explanation: An error occurred in a system call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D23B

Explanation: The expected number of processors was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D23C

Explanation: An invalid number of arguments was received for a command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D23D

Explanation: The requested pass-through command failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B181D23E • B181D302

callouts detailed with the SRC to determine service actions.

B181D23E

Explanation: An invalid command was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D23F

Explanation: An internal error occurred when a query was made of the current power management mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D240

Explanation: A failure occurred when forking a child process.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D241

Explanation: The input argument was not a valid string buffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D242

Explanation: An error occurred when updating the table iteration count.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D243

Explanation: An error occurred when executing a table command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D244

Explanation: An error occurred when writing the number of the currently-executing line.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D245

Explanation: An error was returned from a slew command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D247

Explanation: An error occurred when executing a sweep command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D248

Explanation: Informational message: The customer-requested power mode was changed outside of this application's control. The power mode was probably changed by an external entity.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D301

Explanation: An internal error while accessing the cluster machine type/model.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D302

Explanation: An operation on a session entry object failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D303

Explanation: Failed to construct a netc address object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D304

Explanation: A call into a NETS component interface failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D305

Explanation: The mboxOpenHMCInterface call succeeded but the hypervisor returned an error when attempting to open a hypervisor session.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D306

Explanation: Failed to read or write data to or from a data buffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D307

Explanation: The hypervisor returned an unsuccessful status while trying to close a VTTY session.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D308

Explanation: Failed to read or write a registry key.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D309

Explanation: The caller attempted to create an event broadcast object using an unknown broadcast type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D30A

Explanation: The caller attempted to perform an operation on an invalid file type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D30B

Explanation: The VTTY session being searched for was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D30C

Explanation: Failed trying to subscribe to, or signal, an event.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D30D

Explanation: Memory allocation failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D30E

Explanation: The hardware management console (HMC) was unable to open a hypervisor session because the service processor (or system controller) firmware determined that the hypervisor was not running.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D30F

Explanation: A call into spifWriteBlockCommand to get the cage and frame number failed. The failure is not specified, so the service processor (or system controller) will return a generic failure status to the hardware management console (HMC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D310

Explanation: An error was received when trying to open the LEDs file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D311

Explanation: Using the non-blocking mode for semaphore operations, it was determined that no operation was performed during the lock table command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D312

Explanation: The caller of an interface supplied an invalid parameter or the interface unexpectedly failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D313

Explanation: Failed to calculate the timestamp stored in the session entry object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D314

Explanation: Failed to acknowledge surveillance.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D315

Explanation: The hardware management console (HMC) sent an invalid record.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D316

Explanation: The client was not able to obtain the requested resource lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D317

Explanation: The client was unable to release a resource lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D318

Explanation: UTIL component file-related operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D319

Explanation: The client that was attempting to authenticate itself supplied an invalid password.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D31A

Explanation: An SMGR component operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D31B

Explanation: A command sent to the hypervisor failed with a return status.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D31C

Explanation: Unable to issue this command unless the hypervisor is at standby.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D31D

Explanation: A SPIF component operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D31E

Explanation: A failure occurred in an API.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D31F

Explanation: An error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D320

Explanation: The response data from SPIF was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D321

Explanation: A validation error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181D322

Explanation: A code update (CUPD) error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D323

Explanation: The CHIC component returned a failure code.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D324

Explanation: Informational message: No system memory was found by the guard function, so the system has never been booted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D325

Explanation: Failed to perform the requested operation due to lack of access permissions.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D326

Explanation: A concurrent maintenance interface returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D327

Explanation: Unable to initiate the node controller dump due to the wrong target system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D328

Explanation: A resource was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D401

Explanation: An error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D402

Explanation: Failed to spawn a process, or a failure occurred in a Unix system call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D403

Explanation: An error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D406

Explanation: An error occurred, but the reason for the error was not determined.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D502

Explanation: An SDR record that was not type 2 or type 3 was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D503

Explanation: Failure to read a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181D505

Explanation: Unable to create the IPMI server process.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D506

Explanation: An open operation failed on a device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D507

Explanation: A close operation failed on a device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D508

Explanation: A read operation failed on a device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D509

Explanation: A write operation failed on a device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D50A

Explanation: A configuration operation failed on a device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D50B

Explanation: Unable to open the general purpose I/O (GPIO) engine to read the slot ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D50C

Explanation: Unable to close the general purpose I/O (GPIO) engine of a device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D50D

Explanation: An error occurred when trying to read the general purpose I/O (GPIO) pin.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D50E

Explanation: Unable to create a process.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D50F

Explanation: The dispatcher received a signal.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D510

Explanation: Unable to create the dispatcher thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D521

Explanation: An IPMI command timed out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181D5FF

Explanation: An unrecognized IPMI command was encountered.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D601

Explanation: Failed to read the path from the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D602

Explanation: Failed to fork a daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D603

Explanation: Failed to create a synchronization file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D604

Explanation: An unexpected reply was received from a daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D605

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D606

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D607

Explanation: Failed to synchronize with a daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D608

Explanation: Failed to create the network client address object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D609

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D60B

Explanation: Failed to establish the listening queue on the network server address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D60C

Explanation: Failed to bind the network server address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D60D

Explanation: Failed to create the network server address object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181D60E

Explanation: The input parameters were not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D60F

Explanation: Failed to lock a thread mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D610

Explanation: Failed to unlock a thread mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D611

Explanation: Failed to initialize a mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D612

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D614

Explanation: Failed to initialize a condition.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D615

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181D617

Explanation: A partition dump request failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D618

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D619

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D61A

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D61B

Explanation: Unable to find the LED access record for the requested LED.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D61C

Explanation: Failed to drive an LED with the drive LED function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D61D

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D61E

Explanation: An unexpected maximum resource ID (RID) was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D621

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D622

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D623

Explanation: Failed to create an event thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D625

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D626

Explanation: An unrecognized event was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D627

Explanation: Failed to read a registry variable.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D628

Explanation: Failed to read the current state data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D629

Explanation: Failed to read the current power state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D62A

Explanation: Failed to open an engine on a device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D62B

Explanation: Failed to write to the general purpose (GP) I/O pin.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D62C

Explanation: Failed to close the general purpose (GP) I/O engine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D62D

Explanation: Unable to create a context.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D62F

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D630

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D633

Explanation: The initial attempt to submit "press" control blocks failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D634

Explanation: Failure when waiting for the control blocks to complete.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D635

Explanation: An attempt to submit control blocks failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D637

Explanation: Unable to set the pins to an unconfigured mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D638

Explanation: Unable to set the button debounce interval

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D639

Explanation: Unable to configure the power good (pgood) register.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D63A

Explanation: A function reported a failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D63B

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D63C

Explanation: Unable to determine if a power lock is being held or not.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181D63D

Explanation: The general purpose (GP) I/O device that the control (operator) panel did not show up within the allotted time

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E001

Explanation: The snoop string was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E002

Explanation: Phone numbers for call home are not programmed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E003

Explanation: Missing information in set up panel for customer pager.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E004

Explanation: Dialing the customer pager failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E005

Explanation: Missing account information in call home setup.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E006

Explanation: Missing information in the modem setup panels. Make sure all fields are filled in.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E007

Explanation: Internal software error; the daemon process failed to start.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E008

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E009

Explanation: Internal software error

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E00A

Explanation: A child process failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E00B

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E00C

Explanation: Internal software error; the call home process received a signal that was not handled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E00D

Explanation: Internal software error; a process received a signal that was not handled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181E00E

Explanation: Internal software error

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E010

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E011

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E012

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E014

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E015

Explanation: Internal software error; communications failure with service center.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E016

Explanation: Socket connection to service center failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E017

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E01E

Explanation: The customer initiated a call home test.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E01F

Explanation: Call home test initiated by test methods.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E020

Explanation: Internal software error; process failed to start.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E025

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E026

Explanation: Internal software error

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E027

Explanation: Communications problem with modem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E028

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E101

Explanation: The snoop string was found in the input data; a system reboot has been requested.

B181E105

Explanation: Failed to write to a general purpose I/O (GPIO) pin.

B181E106

Explanation: An invalid return code was received when opening the serial device used for UPS detection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E107

Explanation: Communication error with serial port; unable to open the UART device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E108

Explanation: Internal software error communicating with the serial port.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E109

Explanation: Internal hardware error while trying to clear the DTR signal on serial port 1 (while attempting UPS detection).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E10A

Explanation: Internal hardware error while trying to set the DTR signal on serial port 1 (while attempting UPS detection).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E201

Explanation: Error occurred during reboot attempt.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E202

Explanation: An error was received while waiting for the secondary service processor to terminate.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E203

Explanation: There was a failure when reading the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E204

Explanation: There was a failure when reading the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E205

Explanation: RBOT was told to power the system back on, but the power wasn't off.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E304

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E30C

Explanation: The LED control firmware was busy handling another request; the semaphore was locked.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E30E

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E311

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E312

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E315

Explanation: The system power control network (SPCN) command was retried, and failed again.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181E319

Explanation: The system power control network (SPCN) command was retried, and failed again.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E31B

Explanation: Internal software error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E31C

Explanation: The system power control network (SPCN) command to collect the LED data did not return any data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E31D

Explanation: The system power control network (SPCN) command to control the physical attention LED failed. The LED and the NVRAM could be out of sync.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E31E

Explanation: The data transferred from the hypervisor was incomplete. The data that was returned has been truncated for some unknown reason.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E411

Explanation: SURVserver daemon received a unexpected signal

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181E425

Explanation: Failed to initialize a thread attribute.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E426

Explanation: Failed to initialize a thread attribute.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E427

Explanation: An attempt to accept a client request failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E428

Explanation: An attempt to receive a client message failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E429

Explanation: A command failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E42F

Explanation: Unable to synchronize; another instance of surveillance is already running.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E430

Explanation: Failure when creating a thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E432

Explanation: A system call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E436

Explanation: An error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E437

Explanation: An error occurred when connecting to a daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E438

Explanation: An error occurred when sending and receiving data from a daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E439

Explanation: An error occurred when trying to synchronize with an internal firmware server.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E43B

Explanation: Unable to close the client socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181E43C

Explanation: An error occurred when attempting to close a socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E43D

Explanation: Unable to read a value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E43E

Explanation: An event signal error was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E43F

Explanation: An error occurred when attempting to write a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E440

Explanation: An error occurred when attempting to read a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E441

Explanation: An error was returned from the mailbox function when attempting to notify the hypervisor of a change in a status flag.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E442

Explanation: A function received an invalid client name.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E443

Explanation: A function received an invalid client type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E444

Explanation: Unable to flatten the error log; unable to send the error log to the client.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E445

Explanation: An error occurred when attempting to extract flattened error data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E446

Explanation: The client gateway was not able to communicate with the primary service processor (or system controller).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E448

Explanation: Failed to create the gateway address to send the surveillance heartbeat to the primary service processor (or system controller).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E449

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E44A

Explanation: An error occurred when sending data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E451

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E453

Explanation: An attempt to bind the listening address failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E454

Explanation: An attempt to listen in failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E455

Explanation: An attempt to open a directory failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E458

Explanation: The reason for this error is stored in the userdata1 portion of the error log entry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E45B

Explanation: An error occurred when creating an address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E45D

Explanation: An error was found in an address object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E466

Explanation: rdal_psi_open call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E467

Explanation: rdal_psi_wait call failed

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E468

Explanation: An error was returned.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E469

Explanation: A call to a function failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E46B

Explanation: Indicates that the adal_base_ffdc_wait for the FSI mailbox device returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E46C

Explanation: There was an FSI surveillance failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E46E

Explanation: A call to a function failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E46F

Explanation: A call to a function failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E470

Explanation: Opening a function failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E471

Explanation: rdal_psi_close failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E472

Explanation: rdal_mbx_close failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E473

Explanation: There was a PSI ADAL first-failure-data-capture unlock failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E501

Explanation: There was a hardware-detected problem due to the service processor firmware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E540

Explanation: There was a failure most likely attributable to the service processor firmware, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E550

Explanation: There was a service processor firmware problem, but it could also be hardware-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E560

Explanation: The hardware detected a problem that was caused by the service processor firmware. The dump that was taken may need to be analyzed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E580

Explanation: There was a failure in the service processor firmware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E601

Explanation: Error while attempting read the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E602

Explanation: Unable to lock the sinkfile.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E604

Explanation: netcSendRecv returned error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E606

Explanation: An invalid major op was recieved from the service tags.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E607

Explanation: Error while attempting to create a listening socket.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E608

Explanation: Error returned by netsSend call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E609

Explanation: rmgrd application failed during a fork() call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B181E60A • B181E616

callouts detailed with the SRC to determine service actions.

B181E60A

Explanation: The system call to initialize the thread parameters failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E60B

Explanation: A system call to initialize thread parameters failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E60C

Explanation: A system call to create a posix thread failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E60D

Explanation: An error was returned a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E60E

Explanation: An error occurred when creating a message queue.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E60F

Explanation: An invalid component type was received when attempting to create a handler thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E610

Explanation: Error returned by netcConnect call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E611

Explanation: The NectSendRecv call returned an error when communicating with the rmgrd daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E612

Explanation: The netcClose call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E613

Explanation: Synchronization with server call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E614

Explanation: A call to bind returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E615

Explanation: Listen call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E616

Explanation: Error returned by netsConnectServer().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E617

Explanation: The rmgrd daemon received a unexpected signal.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E618

Explanation: An error was encountered while initializing mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E619

Explanation: Error encountered while locking mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E61A

Explanation: Error encountered while unlocking mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E61B

Explanation: Error returned by netsClose call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E61C

Explanation: The daemon encountered an error while attempting to return error log data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E61D

Explanation: An unknown minor operation id received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E61E

Explanation: An error was returned from the initialization routine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E61F

Explanation: An error was returned from spawning a thread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E620

Explanation: An invalid operation request was made to the data correlation handler.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E621

Explanation: An error was returned from initthread.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E622

Explanation: An error was returned from the function call to set the service processor role to primary.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E623

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E624

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E625

Explanation: An invalid thread type has been sent by the caller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E626

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E627

Explanation: A non-existent registry variable was sent.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E628

Explanation: The file that was requested for synchronization does not exist.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E629

Explanation: Error attempting to open file for reading.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181E62A

Explanation: Error returned when reading a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E62B

Explanation: Error while attempting write the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E62C

Explanation: Error while writing to the file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E62D

Explanation: A data correlation command can only be issued by the secondary service processor (or system controller).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E62E

Explanation: Function returned error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E62F

Explanation: An error was returned when the primary service processor (or system controller) attempted to retrieve it's system firmware module level information.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E630

Explanation: An error was returned when finding the size of a registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E631

Explanation: An error was returned when attempting to read the size of the data key.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E632

Explanation: An error was returned from the discovery function retrieving the FSI state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E633

Explanation: An error was returned when attempting to create the event handler object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E634

Explanation: An invalid event ID was received; notification cannot be done.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E635

Explanation: An error was encountered when attempting to signal a service processor role change event.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E636

Explanation: An error was returned from the function retrieving the current service processor role.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E637

Explanation: An error was returned a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E638

Explanation: An error was returned from the function retrieving the redundancy value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E639

Explanation: An error was returned from the function retrieving the sibling service processor's state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E63A

Explanation: An error was returned from the function retrieving the service processor position.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E64A

Explanation: An invalid operation requested a function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E64B

Explanation: The primary and secondary service processors (or system controllers) do not have the same system firmware loaded.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E64C

Explanation: An error was returned when attempting to restore a flattened error log.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E64D

Explanation: An error occurred when unflattening the log sent by the primary service processor (or system controller).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E64F

Explanation: An administrative failover request was sent to the service processor (or system controller) that did not have the primary role; the request was rejected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E650

Explanation: An error was encountered when beginning an administrative failover at standby.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E651

Explanation: An error occurred when writing a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E652

Explanation: A network receiving operation from the sibling service processor failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E653

Explanation: An error occurred when writing a registry value.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E654

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E655

Explanation: An error was returned when attempting to create an event handler object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E656

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E657

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E658

Explanation: This indicates the requested action failed because the sibling service processor is not in the working state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E659

Explanation: plckIPLRequest call to initiate an administrative failover at standby returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E65A

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E65B

Explanation: The state manager did not return a valid failover type to be used.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E65C

Explanation: A surveillance failure of the primary service processor (or system controller) was detected at pre-standby.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E65D

Explanation: Redundancy cannot be enabled because the secondary service processor is not at standby.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E65E

Explanation: A command line option was incorrectly removed or added.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E65F

Explanation: An invalid time-out was specified.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E660

Explanation: The system's state does not allow failover to be initiated.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E661

Explanation: An error was returned when an operation was requested on the sibling service processor (or system controller).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E662

Explanation: smgrInitiateToolReset() call returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E663

Explanation: A failover readiness check was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E664

Explanation: A forced termination and failover operation is requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E665

Explanation: The attempt to terminate the service processor and failover failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E666

Explanation: smgrFspIplTypeRequest() returned error on a IPL request.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E667

Explanation: An invalid IPL type was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E669

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E66B

Explanation: The redundancy manager is determining the type of error that occurred during an administrative fail-over.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E66C

Explanation: Informational message: the primary service processor is performing an administrative failover to the secondary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E66D

Explanation: An administrative failover request was received from the primary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E66F

Explanation: An emergency failover is being performed by the secondary service processor. The hypervisor requested the failover after resetting the primary service processor, or the primary service processor terminated due to a failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E672

Explanation: Call to fspinit_do_transition failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E673

Explanation: A failover was requested when another was already in progress.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E679

Explanation: An invalid operation requested the rconUtil function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E684

Explanation: The secondary service processor returned an error when starting to implement an administrative failover.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E685

Explanation: A failover block request was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E686

Explanation: A request to unblock a failover was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E687

Explanation: An error was encountered when sending data to stop a message service of an HMC that is failing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E689

Explanation: Sibling returned an error on the requested operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E68B

Explanation: The secondary service processor (or system controller) was asked to initiate a reset/reload.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E68D

Explanation: A call to the function that switches from one service processor to the other failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E68F

Explanation: The last known state of the primary service processor was runtime, and the secondary is not at runtime.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E693

Explanation: The synchronization of a nonexistent file was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E694

Explanation: The synchronization of a nonexistent registry was requested

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E69E

Explanation: Surveillance communication with the sibling service processor failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6A2

Explanation: rmgrrremote daemon received an unexpected signal.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6A5

Explanation: An operational error occurred on the secondary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6A8

Explanation: SYNC should not have been called by the secondary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6AB

Explanation: The caller specified a non-existent target component.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6AC

Explanation: Timed out waiting for a response from the sibling service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6AD

Explanation: A n error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6AE

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6AF

Explanation: Attempts to connect to the sibling service processor failed on all links.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6B0

Explanation: Failed to connect to the sibling service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6B1

Explanation: Failure while attempting to send a request to the sibling service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6B2

Explanation: rmgrUtilSync was called by a function other than util.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6B3

Explanation: The position of the service processor has not yet been determined; the mailbox cannot be configured.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6BB

Explanation: Informational log entry: redundancy is enabled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6C6

Explanation: A function call during redundancy enablement was rejected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6C7

Explanation: An emergency service processor fail-over (EFO) was requested when the system was in the transitory state. This will cause termination of the secondary service processor first, then failover will begin.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6C9

Explanation: Failover has been unblocked.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6CA

Explanation: Service processor failover is not supported in this system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6CF

Explanation: An error was returned by guard when attempting to deconfigure the secondary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6D1

Explanation: An administrative failover to the secondary service processors not allowed at this time due to the state of the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6D4

Explanation: An error was returned from util when closing a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6D9

Explanation: An attempt was made to write a registry key or file to the secondary service processor, which is an invalid operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6DE

Explanation: An error was returned from a remote deletion request

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6DF

Explanation: No clock signals were detected on the sibling service processor's link.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6E1

Explanation: A hidden service processor error log entry to help correlate with the dump will be generated due to the recovery action.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6E2

Explanation: A stream was requested on a file that is on the synchronization list.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6E3

Explanation: A call to dlsym() failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6E4

Explanation: An error was returned from utilfile.sync().

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6E7

Explanation: A dumpForceSync call was made during a request to enable redundancy.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6E8

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6E9

Explanation: The secondary service processor (or system controller) was unable to communicate with the primary service processor (or system controller) for longer than one hour, and initiated a service processor failover to assume system management.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6EB

Explanation: The notification was rejected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6EC

Explanation: A function call was rejected during redundancy enablement.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6ED

Explanation: Service processor (or system controller) redundancy is disabled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E6F1

Explanation: A persistent event timeout occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E702

Explanation: An undefined error was returned when generating statistics on what should be a directory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E703

Explanation: An error was returned from util when opening a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E704

Explanation: An error was returned from util when opening a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E705

Explanation: An error was returned from util when checking to see if a file exists.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E706

Explanation: An error was returned from deleting a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E707

Explanation: An error was returned from util when opening a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E708

Explanation: An undefined minor operation was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E709

Explanation: An error was returned from util when writing a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E70B

Explanation: The p3 registry does not exist.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E70C

Explanation: An error was returned when checking the redundancy policy.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E70D

Explanation: An error was returned from a directory synchronization call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E70E

Explanation: An error was returned from a file synchronization call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E70F

Explanation: An error was returned from a registry synchronization call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E710

Explanation: An error was returned from a send data call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E711

Explanation: An error occurred when opening a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E712 • B181E71E

B181E712

Explanation: An error occurred when opening a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E713

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E714

Explanation: An error occurred when closing a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E715

Explanation: Unable to pack the registry into an empty buffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E716

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E717

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E718

Explanation: There was an error when reading a directory entry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181E719

Explanation: A function call failed on a directory entry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E71A

Explanation: An unsupported element was encountered during a directory synchronization.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E71B

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E71C

Explanation: An error was returned from a system call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E71D

Explanation: An error was returned from a stream synchronization call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E71E

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E71F

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E720

Explanation: An attempt was made to pack data into a buffer that was not empty.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E721

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E722

Explanation: An attempt was made to pack data into a buffer that was not big enough for the data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E723

Explanation: An attempt was made to append fewer than zero, or zero, bytes to a buffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E724

Explanation: An attempt was made to pack a registry of an invalid size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E725

Explanation: A request was made to sync a file that exceeds the maximum buffer size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E726

Explanation: A request was made to synchronize a file that exceeds the maximum buffer size.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E727

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E728

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E729

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E72A

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E72B • B181E738

B181E72B

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E72C

Explanation: An error was returned from rolling the buffer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E72D

Explanation: The space allocated for the file data does not equal the amount of file data to transfer.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E72E

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E72F

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E730

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E731

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181E732

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E733

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E734

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E735

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E736

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E737

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E738

Explanation: An error occurred when trying to create a directory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181E739

Explanation: An attempt was made to synchronize a directory with something that isn't a directory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E73A

Explanation: An error was returned from a p3 registry comparison.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E73B

Explanation: An error was returned from a p3 registry comparison.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E73C

Explanation: An error was returned when writing to the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E73D

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E73E

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E73F

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E740

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E741

Explanation: An error was returned from the call to delete the directory contents.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E742

Explanation: An error occurred when trying to delete a directory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E743

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E744

Explanation: An undefined error was returned when generating statistics on what should be a directory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E745 • B181E7FF

B181E745

Explanation: An error was returned from a function call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E746

Explanation: An error was returned when attempting to unlink an element .

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E747

Explanation: An error was returned from util when attempting to seek.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E748

Explanation: A stream counter overflow occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E7B0

Explanation: An invalid operation code was sent.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E7C0

Explanation: This SRC indicates that the system ran for a long time with only one bulk power assembly (BPA), and a large number of firmware updates were done. Then a sibling BPA was added (or swapped in).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E7C1

Explanation: A type other than time-of-day, HMC password, or CEC name was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E7C2

Explanation: The bulk power assembly (BPA) and its sibling have the same IP address.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E7C3

Explanation: Unable to open a synchronization file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E7C4

Explanation: A function call to lock returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E7C7

Explanation: This bulk power assembly (BPA) does not have an IP address stored for a sibling BPA for the synchronization process to use. It is possible that there is no sibling BPA present.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E7FF

Explanation: An error was injected for debugging purposes.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E801

Explanation: A failure occurred in a utility register.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E802

Explanation: A synchronization failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E803

Explanation: A NETS failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E804

Explanation: A thread failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E805

Explanation: A client failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E806

Explanation: A code update (CUPD) failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E807

Explanation: A mailbox (MBOX) failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E808

Explanation: A direct memory access (DMA) failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E809

Explanation: A CHIC failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E80A

Explanation: An invalid SMA system was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E80B

Explanation: Failed to load and boot the IPC.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E80C

Explanation: A null pointer was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E80E

Explanation: Failed to start the IPC.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E80F

Explanation: Failed to perform a reset.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E810

Explanation: The reset was not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E811

Explanation: A dump request failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E812

Explanation: The handle was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E813

Explanation: A dump was unexpectedly invalidated.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E814

Explanation: A dump utility failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E815

Explanation: An event failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E8FF

Explanation: Informational message: an informational error log entry was generated.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E902

Explanation: The service processor firmware was unable to get the SRC from the irrecoverable error log.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E907

Explanation: Unable to read the reason for the reset from the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E90A

Explanation: The service processor failed to clear bits in the device immediate status register (DISR).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E90D

Explanation: The reset/reload function is called with an insufficient number of arguments.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E90E

Explanation: An invalid reset/reload routine was called.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E90F

Explanation: An unexpected signal was received when reset/reload was running.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E910

Explanation: The service processor failed to set the bits in the device immediate status register (DISR), which is used to communicate the reset/reload status to the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E911

Explanation: A service processor reset/reload occurred. The error log for the error that caused the reset/reload could not be retrieved. Use other error/event logs or a service processor dump to gather error information.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181E913

Explanation: The HMC requested a reset/reload to termination.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA01

Explanation: An XREF session entry failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA03

Explanation: There was an XREF API failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA04

Explanation: Failed to read the hypervisor state registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA05

Explanation: No CM lock was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA06

Explanation: Failed to get the maximum number of resource IDs (RIDs) for a given field replaceable unit (FRU) type.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA07

Explanation: A failure occurred when trying to enable a panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA08

Explanation: There was a failure in the hardware object manager (HOM) API.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA09

Explanation: There was an RTIM API failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA0A

Explanation: There was an XREF CCMM internal error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA0B

Explanation: There was an XREF CMD build failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA0C

Explanation: There was a failure during concurrent maintenance recovery.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA0D

Explanation: The concurrent maintenance firmware encountered an unexpected failure when calling the mailbox interface to disable the current time-of-day topology.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA0E

Explanation: There was an XREF sequence error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA0F

Explanation: Failed to read a checkpoint; all are in use.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA10

Explanation: Failed to read the checkpoint registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA11

Explanation: There was a code version mismatch.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA12

Explanation: The event management component returned an error when the concurrent maintenance firmware tried to subscribe to the sibling service processor state change event.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA13

Explanation: No concurrent maintenance capability was found on the backup.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA14

Explanation: Unable to guard out the concurrent maintenance service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA15

Explanation: The command line parser failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA16

Explanation: A failure occurred when trying to run a concurrent maintenance xml file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA17

Explanation: Failed to send a progress code.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA18

Explanation: Failed to read the service processor role from the redundance manager.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA19

Explanation: There was an XREF redundant service processor failure.

Response: Attention: Do not attempt to boot from the secondary service processor during a concurrent maintenance operation. If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA1A

Explanation: An abort was detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA1B

Explanation: There was an XREF invalid hardware failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA1E

Explanation: There was an XREF condition failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA1F

Explanation: Unable to connect to the concurrent maintenance daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA20

Explanation: Unable to convert an RID (resource ID) to a HOM (hardware object manager) unit ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA21

Explanation: No environment path was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA22

Explanation: The cross reference (XREF) file was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA23

Explanation: Informational message: this platform does not support concurrent maintenance operations.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA24

Explanation: Failure when creating a thread; aborting ccmmsrv

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA25

Explanation: The command request had invalid concurrency.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA26

Explanation: Unable to convert the resource ID to the HOM (hardware object manager.) unit ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA28

Explanation: Cannot load symbol.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA29

Explanation: While a concurrent maintenance operation was in progress, an API failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA2A

Explanation: While a concurrent maintenance backup isolation operation was in progress, an API failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA2B

Explanation: Failed to open the buddy JTAG device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA2C

Explanation: Failed to open the buddy GPIO (general purpose I/O) device.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA2D

Explanation: Failed to open a handle.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA2E

Explanation: The concurrent maintenance firmware is isolating the secondary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA2F

Explanation: Unable to read an error log from the repository.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA31

Explanation: An unhandled signal was received by the concurrent maintenance firmware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA32

Explanation: There was an XREF HMC disconnection event.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA33

Explanation: This is a generic SRC logged to flag a recovery action.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA34

Explanation: There was an XREF state change event.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA35

Explanation: There was an XREF power off event.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA36

Explanation: There was an attention API failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA37

Explanation: A concurrent maintenance operation was aborted while the VPD card was not installed in the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA38

Explanation: The system level activation status received from the hypervisor was invalid, or indicated an error. This usually indicates that a hypervisor error was detected during a concurrent maintenance operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA39

Explanation: The concurrent maintenance firmware detected a ccmsrv crash and will try to recover.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA3A

Explanation: There was an XREF system reset/reload event.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA3B

Explanation: There was an XREF failover during CMOP.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA3C

Explanation: The recovery director received a reason for recovery that was not recognized.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA3D

Explanation: The recovery director received a reason for recovery that was not recognized.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA3E

Explanation: The utility routine read 0 bytes from the service processor's state file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA3F

Explanation: There was no concurrent maintenance capability on the secondary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA40

Explanation: An error occurred when clearing the IPL speed override.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA41

Explanation: The attempt to unmask the FSI interrupts returned an error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA43

Explanation: Failed to retrieve the HMC ID for the NCR action.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA44

Explanation: Failed to retrieve the HMC ID for the NCR action.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA45

Explanation: An error occurred when trying to check the power save mode.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA46

Explanation: There was a failure in an API.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA47

Explanation: There was a failure in an API.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA48

Explanation: There was a failure in an API.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA49

Explanation: There was a failure in an API.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA4A

Explanation: The timer tick expired.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA4B

Explanation: There was a failure in an API.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA4C

Explanation: The step is done.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA4E

Explanation: The target CCIN was not found

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA4F

Explanation: A registry read failure occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA51

Explanation: A time-out occurred while waiting for the secondary system controller.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA53

Explanation: A PSI failure occurred with the query active.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA54

Explanation: A failure occurred when disabling the PSI link.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA55

Explanation: Rebooting a network controller failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA56

Explanation: A node instance was found that is not recognized.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181EA7F

Explanation: A timer expired.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EA87

Explanation: A failure occurred when the secondary service processor (or system controller) was reset.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EAFB

Explanation: The XML file was skipped.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EAFC

Explanation: A module recovery creation error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EAFE

Explanation: Informational message: A concurrent maintenance operation was started.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EAFF

Explanation: Informational message: A concurrent maintenance operation was stopped.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF01

Explanation: This error code is reserved.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF02

Explanation: An error occurred during a service processor (or system controller) dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF03

Explanation: An error occurred while attempting to determine if a service processor dump exists.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF04

Explanation: An error occurred during a file I/O operation.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF05

Explanation: A dump operation was attempted that violated the dump policy.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF06

Explanation: Failed to obtain or release a lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF07

Explanation: An unknown dump content type was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF08

Explanation: An unsupported copy operation was attempted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF09

Explanation: Null global data was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF0A

Explanation: An error occurred while attempting to denote a completed service processor dump as valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF0D

Explanation: An error occurred while attempting to access a file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF0E

Explanation: An error occurred when the service processor attempted to notify the operating system that a service processor dump had been deleted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF0F

Explanation: An error occurred when the service processor attempted to notify the operating system that a service processor dump occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF10

Explanation: An error occurred during a file I/O operation on a pipe.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF11

Explanation: An operation on a lock for a dump operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF12

Explanation: A system error was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF13

Explanation: Informational message: The dump storage file system was formatted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF14

Explanation: Failed to write to the control (operator) panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF16

Explanation: An internal service processor operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF17

Explanation: An internal service processor operation failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF1A

Explanation: An error occurred while attempting to display a new progress code on the operator panel.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF1F

Explanation: An error occurred while attempting to enable the service processor dump feature.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF26

Explanation: An error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF28

Explanation: An error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF2B

Explanation: An error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF2D

Explanation: An error occurred while attempting to notify the HMC that a service processor dump occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF2E

Explanation: An error occurred while attempting to notify the HMC that a service processor dump occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF2F

Explanation: An error occurred while attempting to notify the HMC that a service processor dump occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF32

Explanation: An error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF33

Explanation: An error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF34

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF36

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF38

Explanation: An error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF3E

Explanation: An error occurred while attempting to determine if the service processor dump feature is enabled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF3F

Explanation: An error occurred while attempting to determine if the service processor dump feature is enabled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF42

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF44

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF45

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF46

Explanation: Dump files were deleted before they were captured in the dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF47

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF4A

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF4B

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF4C

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF4D

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF52

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF53

Explanation: An error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF54

Explanation: The service processor dump failed because there was not enough room left to store it.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF56

Explanation: An error occurred while processing a dump file

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF5A

Explanation: An error occurred while attempting to determine the name of a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF5B

Explanation: An error occurred while attempting to determine the size of a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF5C

Explanation: An error occurred while attempting to determine the system serial number.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF5D

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF5E

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF5F

Explanation: An error occurred while attempting to determine the service processor hostname.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF62

Explanation: A service processor dump operation did not complete.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF65

Explanation: Encountered an out-of-storage condition while attempting to collect a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF66

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF67

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF69

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF6A

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF6B

Explanation: An error occurred while processing a dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF6C

Explanation: An error occurred while processing a dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF6D

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF6E

Explanation: An error occurred

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF71

Explanation: An error occurred while attempting to determine if a service processor dump exists.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF73

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF75

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF79

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF7A

Explanation: An error occurred while retrieving a dump

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF7B

Explanation: A failure occurred when opening the dump device

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF7C

Explanation: A dump was attempted when another dump was in progress.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF7D

Explanation: An error occurred

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF7E

Explanation: An error occurred

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF7F

Explanation: An error occurred

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF83

Explanation: An error occurred while attempting to delete a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF84

Explanation: An error occurred while attempting to retrieve a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF86

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF87

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF88

Explanation: A service processor (or system controller) plug-in dump was taken.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF8B

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF8D

Explanation: An error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF8E

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF8F

Explanation: An error occurred

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF90

Explanation: An error occurred while attempting to delete a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF91

Explanation: A service processor (or system controller) dump was invalidated.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF99

Explanation: An error occurred

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF9A

Explanation: The dump storage device was full.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF9B

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EF9E

Explanation: An invalid ID was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181EFA0

Explanation: An error occurred while collecting a service processor dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F002

Explanation: The system is not running on the primary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181F003

Explanation: The PLID of the latest request did not match the PLID of the current request; unable to delete the file.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F004

Explanation: A hardware unit dump request was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F005

Explanation: A system dump collection request was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F007

Explanation: Dump is disabled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F008

Explanation: The file does not exist.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F009

Explanation: The MDRT source and destination tables are incorrect.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F00A

Explanation: A new dump object could not be created because one already exists.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F00B

Explanation: Deletion of the request block failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F00C

Explanation: There is no file in which to store the request block.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F00D

Explanation: A post dump reboot is being requested with bad chips in the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F00E

Explanation: The system is not running on the primary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F00F

Explanation: A dump buffer access error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F010

Explanation: There is no location in which to store the dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F011

Explanation: The dump is not complete and cannot be extracted.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F012

Explanation: Failed to create a memory the DumpToExtract memory object.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F014

Explanation: A dump collection is already in progress.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F016

Explanation: The system manager will not allow the dump transition.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F018

Explanation: The dump request is rejected because a system dump is already present.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F019

Explanation: Dump was disabled by a manufacturing flag.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F01A

Explanation: DMA operations are not allowed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F01B

Explanation: DMA operations are now allowed; will CTRM the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F01C

Explanation: A request to invalidate the dump was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F01D

Explanation: An invalid update dump request was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F01E

Explanation: An error was returned from the statfs call.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F01F

Explanation: The dump component has received a dump extraction request.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F020

Explanation: Collection of a dump has been interrupted, usually by a reset/reload or service processor failover during the dump.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F021

Explanation: The HMC has been notified that a hardware dump was just collected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F022

Explanation: Critical storage levels were exceeded, invalidating or deleting hardware unit dump collection.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F023

Explanation: HOM detected a memory configuration change during a main store IPL and the dump has been marked complete without main storage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F024

Explanation: The hardware unit dump collection was told to abort.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F025

Explanation: The service processor tried to abort the hardware unit dump, but it didn't stop in time.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F026

Explanation: A checkstop IPL was requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F027

Explanation: No mapping was found for the unit ID types.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F028

Explanation: The code update component, or the concurrent maintenance component, has the lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F02D

Explanation: The dump request was rejected because a dump was already in progress.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0E0

Explanation: There was a failure when determining the number of processors.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0E1

Explanation: There was a failure when determining the number of processors.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0E2

Explanation: There was a failure of the DADA "get array data" command.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0E3

Explanation: Cannot determine whether the hypervisor is active or not.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0E4

Explanation: eCommand Failure

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0E5

Explanation: The creation of an object failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0E6

Explanation: An invalid command was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0E7

Explanation: An invalid hardware object manager unit ID was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181F0E8

Explanation: A failure occurred during processor cleanup.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0E9

Explanation: The mailbox message to the hypervisor failed; the notification of invalidation was sent.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0EA

Explanation: The internal value that tracks whether or not the hypervisor in active is in the wrong state.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0EC

Explanation: There was an error when retrieving the facility list from rules with the provided content.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0ED

Explanation: SMGR request (smgrIplTypeRequest) failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0EE

Explanation: SrciSrc object construction failure.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0F0

Explanation: There was an error reading the system dump id from the registry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0F1

Explanation: An error was returned from rtim_GetTimeOfDay.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0F2

Explanation: RMGRGetFspRole failed; cannot determine the service processor's role.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0F3

Explanation: There was a failure when notifying the HMC that a hardware unit dump is ready.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0F4

Explanation: An error occurred when verifying that panel function 42 is enabled.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0F5

Explanation: Stopping the clock failed on the core.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0F6

Explanation: A failure was returned from hysrRunServiceRoutine.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0F7

Explanation: Failure when trying to get the concurrent maintenance operation lock.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F0F8

Explanation: An error occurred when calling a function.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F101

Explanation: The call to adal_fsi_open failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F102

Explanation: The call to adal_fsi_wait failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F103

Explanation: The call to adal_fsi_config to determine the number of CFAMS failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F104

Explanation: The call to adal_fsi_config failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F105

Explanation: A local bus is not owned.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F106

Explanation: The call to watchdog_scan_dram failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F107

Explanation: The threshold of new DRAM errors was reached.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F108

Explanation: The call to watchdog_scan_nvram failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F109

Explanation: The threshold of new NVRAM errors was reached.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F10A

Explanation: An NVRAM address has appeared multiple times.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181F10B

Explanation: The call to watchdog_fork failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F10C

Explanation: The call to watchdog_file failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F10D

Explanation: The threshold of bad blocks in the NVRAM's flash memory was exceeded.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F10E

Explanation: The call to watchdog_open failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F10F

Explanation: The call to watchdog_ping failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F111

Explanation: A signal was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F112

Explanation: Call to statfs() failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F113

Explanation: PCS usage has reached 90%.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F114

Explanation: PCS usage has reached 80%.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F115

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F116

Explanation: FSI IRQ loop event occurred; one or more of this type event was not detectable.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F119

Explanation: The user specified a link, or CFAM, but not both.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F11A

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F11B

Explanation: A call to a function failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F121

Explanation: A clean function failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F122

Explanation: An error was returned when attempting to initialize the library load mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F123

Explanation: An error was returned when attempting to lock the library load mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F124

Explanation: An error was returned when attempting to unlock the library load mutex.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F126

Explanation: An internal error occurred when checking the health of the flash memory on the service processor. This may or may not indicate a degradation of the flash memory performance. Check the details of the error log entry.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F127

Explanation: The number of one-bit flips exceeded the threshold. The service processor hardware will have to be replaced.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F128

Explanation: The number of uncorrectable bit flips exceeded the threshold. The service processor hardware will have to be replaced.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F129

Explanation: The service processor kernel is reporting that the system is running out of space in the flash memory.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F12A

Explanation: The service processor kernel is reporting that there is not enough free space in flash memory to boot the system.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F12B

Explanation: A local bus loss event occurred, but an error was returned when attempting to determine which bus was lost.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F201

Explanation: A PSI error has been detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F202

Explanation: Invalid HOM node information was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F203

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F204

Explanation: An invalid PSI device was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F205

Explanation: GXHBC was not found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F206

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F207

Explanation: The function call to get the DMA paths did not return a value corresponding to the current resource ID.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F208

Explanation: The function call to get the DMA paths did not return any primary DMA paths.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B181F209

Explanation: The function call to get the maximum number of resource IDs returned zero.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F20A

Explanation: The function call to get the resource IDs returned zero.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F20B

Explanation: No resource ID matches the resource ID of the current service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F20C

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F20D

Explanation: A function call failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F20E

Explanation: A PSI error has been detected.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F20F

Explanation: Unable to read from the bulk power controller (BPC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181F7AA

Explanation: No functional processor clock was found.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B181FB53

Explanation: Wire test found a failure in a path between a memory controller and a DIMM.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182104C

Explanation: Communication paths on the service processor side are not enabled to do DMA operations.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182104D

Explanation: The CEC side is not configured properly.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1828438

Explanation: Failure to validate the password.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182880C

Explanation: Detected a unexpected command after a service routine run.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1829018

Explanation: SPIRA does not have sufficient space for the main store dump results table entries.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182901A

Explanation: The hypervisor did not allocate enough storage for the data structures being

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182901D

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182901E

Explanation: The service processor timed out while waiting for the hypervisor to start.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829020

Explanation: The service processor either retrieved invalid data from CEC memory, or found that a mainstore dump is invalid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829026

Explanation: An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B182902A

Explanation: The data read from main storage is not the same as what was written to main storage.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829503

Explanation: The service processor attempted to send a message to the hypervisor when the hypervisor message queue was already full

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829504

Explanation: Nobody was waiting on the message that was just received from the hypervisor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829507

Explanation: The service processor was unable to make an entry in its error log that the hypervisor requested.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829508

Explanation: The hypervisor did not provide a valid address to the service processor

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829509

Explanation: The wrong number of bytes was written on the mailbox interface.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B182950C

Explanation: There was an invalid value in a message from the hypervisor to the service processor

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182950D

Explanation: The hypervisor did not provide enough data to complete the function

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829511

Explanation: Sending a message to the HMC took too long

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829512

Explanation: The hypervisor attempted to add a already-existing buffer to the list of HMC buffers

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829513

Explanation: The hypervisor is guarding out a hardware resource

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829514

Explanation: The communications path to the hypervisor is currently disabled at the request of the hypervisor

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829515

Explanation: A request was made to disable communications between the hypervisor and the service processor

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182951A

Explanation: The hypervisor sent the service processor an invalid value during a boot operation

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182951C

Explanation: The hypervisor is not responding to messages from the service processor

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182951D

Explanation: The hypervisor attempted to use an invalid HMC buffer

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182951E

Explanation: A function performed by the hypervisor ended with an error

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182951F

Explanation: In a system with redundant service processors, the secondary service processor is not booting with the primary service processor

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829523

Explanation: Failed while waiting on a message from the hypervisor; probably timed out.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829525

Explanation: The hypervisor sent the service processor an invalid SRC to display.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829538

Explanation: There are no valid PSI links that can be used for mailbox activity. Check the guard records regarding DMA paths to see why there are no valid links. Whatever took the PSI links down has already occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182953C

Explanation: The hypervisor did not read messages from the service processor (or system controller) within the allotted time. Either the hypervisor is unresponsive or the PSI links are down.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182953E

Explanation: An internal firmware error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829541

Explanation: The device driver indicated that an error occurred prior to his operation, so this operation should be retried.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

B1829543

Explanation: Informational message: Due to reset/reload or failover, the hypervisor is being told to synchronize data to the secondary service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1829546

Explanation: The offset from the hypervisor was beyond the size of the firmware update module being read.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182954B

Explanation: The checksum calculated by the service processor (or system controller) did not match the checksum in the hypervisor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182954C

Explanation: It has taken the hypervisor a long time to pull a message off the mailbox hardware. Although this is below the 45 second predictive error limit, it can cause HMC incompletes when it occurs a couple times.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182B82E

Explanation: An internal firmware error occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182B898

Explanation: The hypervisor has not handed off the bus after forcing the link down; there must be a hypervisor problem.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182D005

Explanation: A hypervisor occurred.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182D006

Explanation: An unknown error occurred when trying to update the indicator status.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182E501

Explanation: There was a hardware-detected problem due to the hypervisor firmware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182E540

Explanation: There was a failure most likely attributable to the hypervisor firmware, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B182E550

Explanation: There was a hypervisor firmware problem, but it could also be hardware-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

B182E560 • B1868C08

callouts detailed with the SRC to determine service actions.

B182E560

Explanation: The hardware detected a problem that was caused by the hypervisor firmware. The dump that was taken may need to be analyzed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1852701

Explanation: An invalid voltage control command was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1852702

Explanation: The daemon received a message with an invalid function field.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1852707

Explanation: The POWER server was not ready for the command it was sent.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1852708

Explanation: A resource ID was not in the table,

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B185270B

Explanation: Invalid input was received.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B185270E

Explanation: The daemon received a request while running on the secondary system controller or service processor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1852710

Explanation: The bulk power controller indicated a failure when changing voltages.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B18527C0

Explanation: The power off unit command failed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1868C01

Explanation: The bulk power controller (BPC) is currently performing a validation operation. This operation should be retried. If the condition persists it is probably a firmware problem; the BPC firmware should be updated.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1868C02

Explanation: An invalid request was sent to the network validation daemon.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1868C08

Explanation: The version value sent in the message doesn't match the current version.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1868C0C

Explanation: There was a communication problem with the remote bulk power controller (BPC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1868C10

Explanation: The network validation daemon received a signal.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1868C12

Explanation: The netv daemon determined that there are too many error logs to be transferred to the system client.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1868C55

Explanation: The service processor was unable to collect the network data.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1868C56

Explanation: The PVID configuration is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1868C57

Explanation: The virtual LAN mapping was not correct.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1868C58

Explanation: The VLAN enablement configuration is not valid.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1868C59

Explanation: The MAC address is not available.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1868CAA

Explanation: A host's IP address on network side A does not match the IP address on side B.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1873850

Explanation: The multiplexer configuration key is not valid with the sibling state change.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B187400B

Explanation: Unable to get the card type from the environment.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1878408

Explanation: The wrong function passed was in.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1879534

Explanation: The HMC is attempting to send a message that exceeds the maximum size of a message between the service processor and the hypervisor.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B187E501

Explanation: There was a hardware-detected problem due to the HMC firmware.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B187E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B187E540

Explanation: There was a failure most likely attributable to HMC firmware, but it could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B187E550

Explanation: There was an HMC firmware problem, but it could also be hardware-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B187E560

Explanation: The hardware detected a problem that was caused by the HMC firmware. The dump that was taken may need to be analyzed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1A31036

Explanation: A DMA operation was attempted in TCE mode before setup for TCE mode was complete.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1A33129

Explanation: The error log server received a syslog message that requires attention.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1A38426

Explanation: A power error was validated.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1A38438

Explanation: BOOTP: Discovering the server timed out.

Response: Refer to partition firmware progress codes using code CA00E174.

Failing Item:

- FWHOST

B1A38B24

Explanation: An invalid network configuration was entered by the user.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1A3A0A7

Explanation: Service switch error. Function 26 was done before function 25.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1A3A0C0

Explanation: There was a service switch error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1A3E006

Explanation: Customized data is missing.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1A3E01F

Explanation: A lab test was performed.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1A3E501

Explanation: There was a hardware-detected problem due to the external environment or a user error.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1A3E504

Explanation: A hardware failure was detected in the central electronics complex (CEC).

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1A3E540

Explanation: There was a failure most likely attributable to the external environment or a user error, but could also be software-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

B1A3E550

Explanation: There was an external environment failure, most likely attributable to a software problem, but it could also be hardware-related or require further support.

Response: If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

(B2xx) Reference codes

A B2xx reference code indicates that an event or error was detected and logged by virtual service processor firmware.

The logical partition associated with the event or error can be identified from the "LP=pppp" ASCII string found in the SRC word 1 extension field, where 'pppp' is the logical partition ID.

To resolve a B2xx reference code, determine if the SRC requires a service action.

If the SRC is listed in a serviceable event view, use the FRU list from the serviceable event view to determine the actions to take.

If you do not find the SRC in a serviceable event view, then it is an informational event and does not require service action.

B2001001

Explanation: Unable to acquire a pre-allocated task msg from the free queue.

Failing Item:

- LICCODE

B2001020

Explanation: Firmware for the specified function cannot be loaded. The firmware resource and all associated virtual and/or physical devices will not be available until the issue is resolved.

Response: Generate a PHYP and FSP dump and contact the next level of support.

Failing Item:

- NEXTLVL

B2001051

Explanation: During partition migration, the Hypervisor encountered a problem saving state for the source partition. Migration will be aborted.

Failing Item:

- LICCODE

B2001052

Explanation: During partition migration, the Hypervisor encountered a problem restoring the state for the target partition. Migration will be aborted

Failing Item:

- LICCODE

B2001053

Explanation: Mobility aborted due to a system white button power off

B2001130

Explanation: A problem occurred during the migration of a partition

Response: The partition ID is in extended word one as LP=xxx in decimal format.

The user attempted to migrate a partition to a system that has a power or thermal problem. The migration will not continue.

Look for and fix power or thermal problems on this system and then retry the migration.

Failing Item:

- SVCDOCS

B2001131

Explanation: A problem occurred during the migration of a partition

Response: The migration of a partition did not complete. The partition ID is in extended word one as LP=xxx in decimal format.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2001132

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

B2001133 • B2001150

A platform LIC error occurred while it was trying to allocate memory. The IPL will not continue.

Perform a platform dump and contact your next level of support.

Failing Item:

- NEXTLVL

B2001133

Explanation: A problem occurred during the migration of a partition

Response: The migration of a partition did not complete. The partition ID is in extended word one as LP=xxx in decimal format.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2001134

Explanation: A problem occurred during the migration of a partition

Response: The migration of a partition did not complete. The partition ID is in extended word one as LP=xxx in decimal format.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2001140

Explanation: A problem occurred during the migration of a partition

Response: The migration of a partition did not complete. The partition ID is in extended word one as LP=xxx in decimal format.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2001141

Explanation: A problem occurred during the migration of a partition

Response: The migration of a partition did not complete. The partition ID is in extended word one as LP=xxx in decimal format.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2001142

Explanation: A problem occurred during the migration of a partition

Response: The migration of a partition did not complete. The partition ID is in extended word one as LP=xxx in decimal format.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2001143

Explanation: A problem occurred during the migration of a partition

Response: The migration of a partition did not complete. The partition ID is in extended word one as LP=xxx in decimal format.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2001144

Explanation: A problem occurred during the migration of a partition

Response: The migration of a partition did not complete. The partition ID is in extended word one as LP=xxx in decimal format.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2001148

Explanation: A problem occurred during the migration of a partition

Response: The migration of a partition did not complete. The partition ID is in extended word one as LP=xxx in decimal format.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2001150

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

This is a partitioning configuration problem. The LPARCFG Symbolic FRU will help correct the problem.

If the problem persists, call your next level of support.

Failing Item:

- LPARCFG

B2001151

Explanation: A problem occurred during the migration of a partition

Response: The migration of a partition did not complete. The partition ID is in extended word one as LP=xxx in decimal format.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2001152

Explanation: An attempt to migrate a vTPM enabled LPAR has been blocked because the vTPM failed to confirm in a reasonable amount of time that it is operating with the current trusted system key.

Response: An LPADUMP will be required for investigation. Two options exist if migration is still required. 1. Reboot the LPAR, the vTPM will restart and should clear this error. 2. Delete the vTPM from the LPAR configuration.

Problem determination: An emergency workaround is to delete the VTPM from the LPAR configuration. That should allow migration but may leave any LPAR processes dependent on VTPM in a bad state. The PowerSC features will be lost.

Failing Item:

- SVCDOCS
- LICCODE

B2001170

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. A failure occurred due to a validation error. The IPL is terminated.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2001225

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

The partition attempted to IPL prior to the platform

fully initializing. Retry the partition IPL after the platform IPL has fully completed and the platform is not in standby mode. If that IPL fails, call your next level of support.

Failing Item:

- SVCDOCS

B2001230

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

If word 3 of the SRC is 000000C9, it indicates a firmware problem. Contact your next level of support. Either a Platform System Dump should be initiated, or else a PHYP remote connection should be set up while at the B2001230 SRC.

Otherwise, if word 3 of the SRC is not 000000C9, this is a partitioning configuration problem. The partition is lacking the necessary resources to IPL.

This error might occur when you shut down a partition that is set to automatically IPL and then turn the managed system off and back on. When the partition automatically IPLs, it uses the resources specified in PHYP NVRAM, and this error occurs when the server does not find the exact resources specified in NVRAM. The solution is to activate the partition by using the partition profile on the HMC or SDMC. The HMC or SDMC applies the values in the profile to NVRAM. When the partition IPLs, it uses the resources specified in the profile.

Failing Item:

- LPARCFG
- LICCODE

B2001260

Explanation: A problem occurred during the IPL of a partition.

Response: The partition could not IPL at the Timed Power On setting because the IPL setting of the partition was not set to Normal. The partition ID is in extended word one as LP=xxx in decimal format.

Failing Item:

- SVCDOCS

B2001265

Explanation: A problem occurred during the IPL of a partition.

Response: The partition could not IPL. The partition ID is in extended word one as LP=xxx in decimal format.

B2001266 • B2001321

An operating system MSD IPL was attempted with the IPL side on D-mode. This is not a valid operating system IPL scenario, and the IPL will be halted. This SRC is usually seen when a D-mode SLIC install fails and attempts an MSD.

Failing Item:

- SVCDOCS

B2001266

Explanation: A problem occurred during the IPL of a partition.

Response: The partition could not IPL. The partition ID is in extended word one as LP=xxx in decimal format.

You are attempting to IPL an operating system that is not supported or not enabled. On certain models the IBM i Operating System operating system can be enabled or disabled from the ASM menu. If you are attempting to run IBM i Operating System in a partition on such a model, check the ASM menu to ensure that IBM i Operating System is enabled.

Failing Item:

- SVCDOCS

B2001280

Explanation: A problem occurred during a partition Main Storage Dump.

Response: A mainstore dump IPL did not complete due to configuration mismatch. Contact your next level of support.

Failing Item:

- NEXTLVL

B2001281

Explanation: A partition memory error occurred

Response: An attempt to perform a partition dump failed. A partition memory error occurred. The failed memory will no longer be used. The partition dump was terminated. The partition ID is in extended word one as LP=xxx in decimal format. Re-IPL the partition.

Failing Item:

- SVCDOCS

B2001282

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

A partition running on I/O reporting mode has

abnormally terminated. Contact your next level of support.

Failing Item:

- NEXTLVL

B2001283

Explanation: A slot containing an I/O Processor (IOP) is assigned to the partition. Power 7 hardware does not support IOP card causing the IPL of the partition to fail.

Problem determination: The slot identified by the location code in the error log entry contains an I/O Processor (IOP). This slot must be removed from the partition either by physically removing the IOP from the slot or removing the slot from the partition's configuration. After the IOP has been removed, retry the IPL.

Failing Item:

- SVCDOCS

B2001310

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. No alternate (D-mode) IPL IOP was selected. The IPL will attempt to continue, but there may not be enough information to find the correct D-mode load source.

Have the customer configure an alternate IPL IOP for the partition. Then retry the partition IPL.

Failing Item:

- SVCDOCS

B2001320

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. No default load source IOP was selected for an A/B-mode IPL. The IPL will attempt to continue, but there may not be enough information to find the correct load source.

Have the customer configure a load source IOP for the partition. Then retry the partition IPL.

Failing Item:

- SVCDOCS

B2001321

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one

as LP=xxx in decimal format. The IOA for the load source device needed an IOP, and none was detected. Check your LPAR configuration and make sure the correct slot is specified for the IPL load source. Then retry the partition IPL.

Failing Item:

- SVCDOCS

B2001322

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. During the partition IPL, code tried to determine if the device in a slot was an I/O Processor or an I/O Adapter. That check failed. Check your LPAR configuration and make sure that the correct slot is specified for the IPL load source. Then retry the partition IPL. If this does not resolve the problem, perform LICIP15.

Failing Item:

- SVCDOCS

B2002048

Explanation: A problem occurred during a partition Main Storage Dump.

Response: A mainstore dump IPL did not complete due to a copy error. Contact your next level of support.

Failing Item:

- NEXTLVL

B2002054

Explanation: A problem occurred during a partition Main Storage Dump.

Response: A mainstore dump IPL did not complete due to a configuration mismatch.

Failing Item:

- NEXTLVL

B2002058

Explanation: A problem occurred during a partition Main Storage Dump.

Response: A mainstore dump IPL did not complete due to a copy error. Contact your next level of support.

Failing Item:

- NEXTLVL

B2002210

Explanation: A partition property was set to default setting

Response: The partition ID is in extended word one as LP=xxx in decimal format.

A partition property that was supported on the original system is not supported on this system. The property has been set to a default setting. Check all the partition properties of the migrated partition and ensure they are set to the desired values.

B2002220

Explanation: A partition property could not be transferred

Response: The partition ID is in extended word one as LP=xxx in decimal format.

A partition property could not be transferred during a partition migration. The partition migration continued. No immediate action is necessary. At the earliest convenient time or service window, re-IPL the partition to restore partition properties.

B2002250

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. A slot that was needed for the partition was unavailable. See the Symbolic FRU SLOTUSE for more information on the cause of this error.

Failing Item:

- SLOTUSE

B2002260

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

A problem occurred when an attempt to power off a Virtual I/O slot was performed. Contact your next level of support.

Failing Item:

- NEXTLVL

B2002300

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. A slot that was needed for the partition was unavailable. See the Symbolic FRU

SLOTUSE for more information on the cause of this error.

Failing Item:

- SLOTUSE

B2002310

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. The platform LIC for this partition attempted an operation. There was a failure. Contact your next level of support.

Failing Item:

- NEXTLVL

B2002320

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. The platform LIC for this partition attempted an operation. There was a failure. Contact your next level of support.

Failing Item:

- NEXTLVL

B2002425

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. The platform LIC for this partition attempted an operation. There was a failure. Contact your next level of support.

Failing Item:

- NEXTLVL

B2002426

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. The platform LIC for this partition attempted an operation. There was a failure. Contact your next level of support.

Failing Item:

- NEXTLVL

B2002475

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. A slot that was needed for the partition was either empty or the device in the slot has failed. See the Symbolic FRU SLOTUSE for more information on the cause of this error.

If you have a RAID enablement card (CCIN 5709) on your system, it will disable an embedded SCSI adapter. If that embedded slot is called out in the error, you can safely ignore this error.

Failing Item:

- SLOTUSE

B2002485

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. The platform LIC for this partition attempted an operation. There was a failure. Contact your next level of support.

Failing Item:

- NEXTLVL

B2003000

Explanation: System log entry only, no service action required

Response: A user requested an immediate termination and main store dump of a partition. The partition ID is in extended word one as LP=xxx in decimal format.

B2003081

Explanation: A problem occurred during the IPL of a partition.

Response: IPL did not complete due to a copy error. Contact your next level of support.

Failing Item:

- LICCODE

B2003084

Explanation: A problem occurred during the IPL of a partition.

Response: The adapter type might not be supported. Contact your next level of support.

Failing Item:

- NEXTLVL

B2003088

Explanation: System log entry only, no service action required

Response: The adapter type might not be supported. Ensure that a valid I/O Load Source is tagged.

B200308C

Explanation: A problem occurred during the IPL of a partition.

Response: The adapter type cannot be determined. Ensure that a valid I/O Load Source is tagged.

If the problem persists, contact your next level of support.

Failing Item:

- NEXTLVL
-

B2003090

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

Contact your next level of support.

Failing Item:

- NEXTLVL
-

B2003105

Explanation: A problem occurred during the IPL of a partition.

Response: Verify that the tagged Load Source Slot is supported for IPL. If it is, contact your next level of support.

Failing Item:

- LPARCFG
-

B2003110

Explanation: A problem occurred during the IPL of a partition.

Response: The search for a valid load source device was exhausted. The partition ID is in extended word one as LP=xxx in decimal format. Perform LICIP15.

Failing Item:

- SVCDOCS
-

B2003113

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one

as LP=xxx in decimal format. A problem occurred on the path to the load source for the partition.

If present, look in the Serviceable Event View for a B7xx xxxx during the partition's IPL. Correct that error and retry the partition IPL.

Failing Item:

- SVCDOCS
-

B2003114

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

The B2xx xxxx SRC Format is Word 1: B2xx3114, Word 3: Bus, Word 4: Board, Word 5: Card.

Failing Item:

- NEXTLVL
-

B2003115

Explanation: The specified slot used for IBM i IPL is not operational.

B2003120

Explanation: System log entry only, no service action required

Response: The partition ID is in extended word one as LP=xxx in decimal format. Retry count exceeded. This is logged for each unsuccessful attempt to IPL with a loadsource candidate. If the IPL fails, look for other serviceable errors.

B2003123

Explanation: System log entry only, no service action required

B2003125

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

This is a platform LIC main store utilization problem. The platform LIC could not obtain a segment of main storage within the platform's main store to use for managing the creation of a partition.

Failing Item:

- LICCODE
-

B2003128

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. An unexpected failure return code was returned when attempting to query the IOA slots that are assigned to an IOP.

Look for B700 69xx errors in the Serviceable Event View and work those errors.

Failing Item:

- NEXTLVL

B2003130

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. If word 3 is zero, then this SRC is informational and can be ignored.

Otherwise there is a problem in the platform LIC. A nonzero bus number has no associated bus object.

Look for B700 69xx errors in the Serviceable Event View and work those errors.

If there are no serviceable B700 69xx errors, or if correcting the errors did not correct this problem, contact your next level of support.

Failing Item:

- NEXTLVL

B2003135

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. An unknown bus type was detected.

Failing Item:

- NEXTLVL

B2003140

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. The load source IOP is not owned by the partition. This is a configuration problem in the partition. Have the customer reconfigure the partition to have the intended load source IOP.

If there is not a configuration problem then contact your next level of support.

Failing Item:

- SVCDOCS

B2003141

Explanation: System log entry only, no service action required

Response: The IOP in the slot used for the last successful IPL of the operating system was replaced with an I/O Adapter. The IPL will continue by searching for a valid load source device.

Check the LPAR configuration if required, and ensure that the tagged I/O for the partition is correct.

B2003142

Explanation: System log entry only, no service action required

Response: The I/O Adapter in the slot used for the last successful IPL of the operating system was replaced with an I/O Processor. The IPL will continue by searching for a valid load source device.

Check the LPAR configuration if required, and ensure that the tagged I/O for the partition is correct.

B2003143

Explanation: System log entry only, no service action required

Response: The I/O Adapter in the slot used for the last successful IPL of the operating system was removed. The IPL will continue by searching for a valid load source device.

Check the LPAR configuration if required, and ensure that the tagged I/O for the partition is correct.

B2003144

Explanation: System log entry only, no service action required

Response: The I/O Processor in the slot used for the last successful IPL of the operating system was removed. The IPL will continue by searching for a valid load source device.

Check the LPAR configuration if required, and ensure that the tagged I/O for the partition is correct.

B2003145

Explanation: System log entry only, no service action required

Response: The virtual adapter type specified is invalid. The IPL will attempt to continue.

Check the LPAR configuration, if required, and ensure that the virtual adapter type selected for this partition is valid.

B2003200

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

This error indicates a failure during a search for the load source. There may be a number of these failures prior to finding a good load source. This is normal.

Look for SRCs in the Serviceable Event View logged at the time the partition was performing an IPL.

If a B2xx3110 error is logged, a B2xx3200 may be posted to the control panel. Work the B2xx3110 error in the Serviceable Event View. If the system IPL hangs at B2xx3200 and you cannot check the SRC history, perform the actions indicated for the B2xx3110 SRC.

B2004158

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

This error indicates a failure during a search for the load source. It is usual for a number of these failures to occur prior to finding a valid load source. This is normal.

Look for SRCs in the Serviceable Event View logged at the time the partition was performing an IPL.

If a B2xx3110 error is logged, a B2xx3200 may be posted to the control panel. Work the B2xx3110 error in the Serviceable Event View.

If the system IPL hangs at B2xx3200 and you cannot check the SRC history, perform the actions indicated for the B2xx3110 SRC.

If there are other SRCs in the Serviceable Event View, then work those errors.

If this SRC is posted on the control panel and there are no other SRCs listed in the Serviceable Event View, then perform LICIP15.

B2004400

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

A failure occurred. Critical resources could not be provided for this operation. The IPL is terminated.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2005106

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. There is not enough space to contain the partition main storage dump.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2005109

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. There was a partition main storage dump problem. Contact your next level of support.

Failing Item:

- NEXTLVL

B2005114

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. There is not enough space to contain the partition main storage dump. Contact your next level of support.

Failing Item:

- NEXTLVL

B2005115

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. There was an error reading the partition's main storage dump from the partition's load source into main storage.

Failing Item:

- NEXTLVL

B2005117

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. A partition main storage dump has occurred but cannot be written to the load source device because a valid dump already exists.

Use the Main Storage Dump Manager to rename or copy the current main storage dump.

Failing Item:

- SVCDOCS

B2005121

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. There was an error writing the partition's main storage dump to the partition's load source.

Failing Item:

- NEXTLVL

B2005122

Explanation: System log entry only, no service action required

Response: A problem occurred during the IPL of a partition.

The partition ID is in extended word one as LP=xxx in decimal format.

An error occurred when writing the partition's main storage dump to the partition's load source. No service action required.

B2005123

Explanation: System log entry only, no service action required

Response: A problem occurred during the IPL of a partition.

The partition ID is in extended word one as LP=xxx in decimal format.

An error occurred when writing the partition's main storage dump to the partition's load source. No service action required.

B2005127

Explanation: Timeout occurred during a main store dump IPL

Response: There was not enough memory available for the dump to complete before the timeout occurred. The partition is currently in a failed state. Retry the MSD IPL, or else power on the partition normally.

Failing Item:

- SVCDOCS

B2005135

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. There was an error writing the partition's main storage dump to the partition's load source.

Failing Item:

- NEXTLVL

B2005137

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. There was an error writing the partition's main storage dump to the partition's load source.

Failing Item:

- NEXTLVL

B2005145

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. There was an error writing the partition's main storage dump to the partition's load source.

Failing Item:

- NEXTLVL

B2005148

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. An error occurred while doing a main storage dump that would have caused another main storage dump.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2005149

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. An error occurred while doing a Firmware Assisted Dump that would have caused another Firmware Assisted Dump.

Contact your next level of support.

Failing Item:

- NEXTLVL

B200541A

Explanation: A problem occurred during a partition Firmware Assisted Dump

Response: The partition ID is in extended word one as LP=xxx in decimal format.

A Firmware Assisted Dump did not complete due to a copy error. Contact your next level of support.

Failing Item:

- NEXTLVL

B200542A

Explanation: A problem occurred during a partition Firmware Assisted Dump

Response: The partition ID is in extended word one as LP=xxx in decimal format.

A Firmware Assisted Dump did not complete due to a read error. Contact your next level of support.

Failing Item:

- NEXTLVL

B200542B

Explanation: A problem occurred during a partition Firmware Assisted Dump

Response: The partition ID is in extended word one as LP=xxx in decimal format.

A Firmware Assisted Dump did not complete due to a copy error. Contact your next level of support.

Failing Item:

- NEXTLVL

B200543A

Explanation: A problem occurred during a partition Firmware Assisted Dump

Response: The partition ID is in extended word one as LP=xxx in decimal format.

A Firmware Assisted Dump did not complete due to a copy error. Contact your next level of support.

Failing Item:

- NEXTLVL

B200543B

Explanation: A problem occurred during a partition Firmware Assisted Dump

Response: The partition ID is in extended word one

as LP=xxx in decimal format.

A Firmware Assisted Dump did not complete due to a copy error. Contact your next level of Support.

Failing Item:

- NEXTLVL

B200543C

Explanation: System log entry only, no service action required

Response: A problem occurred during a partition Firmware Assisted Dump. The dump completed successfully but register information might be missing.

The partition ID is in extended word one as LP=xxx in decimal format.

B200543D

Explanation: A problem occurred during a partition Firmware Assisted Dump

Response: The partition ID is in extended word one as LP=xxx in decimal format.

A Firmware Assisted Dump did not complete due to a copy error. Contact your next level of support.

Failing Item:

- NEXTLVL

B2006001

Explanation: The specified slot doesn't contain the expected SRIOV capable adapter.

Problem determination: Verify the slot contains the expected SRIOV capable adapter. If the adapter in the slot was replaced with a different adapter, use a slot concurrent maintenance operation to replace the current adapter with the same type of SRIOV capable adapter originally in the slot. If the slot contains the expected SRIOV capable adapter, continue with next FRU in callout list.

Failing Item:

- SVCDOCS
- PCL_IIOV

B2006002

Explanation: Firmware detected a change in the type of SRIOV capable adapter in the specified slot. The configuration for the original adapter is no longer valid. The SRIOV capable adapter and all associated logical ports will not be available until the issue is resolved.

Problem determination: Verify the slot contains the expected SRIOV capable adapter. If the adapter in the slot was replaced with a different adapter, use a slot

B2006003 • B2006010

concurrent maintenance operation to replace the current adapter with the same type of SRIOV capable adapter originally in the slot. If the slot contains the expected SRIOV capable adapter, continue with next FRU in callout list.

Failing Item:

- SVCDOCS
-

B2006003

Explanation: Firmware for the specified function cannot be loaded. The firmware resource and all associated virtual and/or physical devices will not be available until the issue is resolved.

Response: Generate a PHYP and FSP dump and contact the next level of support.

Failing Item:

- NEXTLVL
-

B2006006

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. A platform LIC error occurred when the partition's memory initialized. The IPL will not continue.

Contact your next level of support.

Failing Item:

- NEXTLVL
-

B2006008

Explanation: During the IPL of the partition, an error was detected while trying to setup the partition for firmware use. The IPL of the partition will not continue.

Failing Item:

- LICCODE
-

B2006009

Explanation: An active memory sharing partition is attempting to use a paging space device for which it does not have ownership.

Response: N/A

Problem determination: Verify that the paging space device is not in use by another CEC, and then follow the instructions below to initialize the paging space device. 1) Power off the partition. 2) Verify that the paging device is not currently in another CEC's Reserved Pool. 3) Clear the paging space header of the hdisk assigned to the partition. 4) Remove the paging space from the Reserved Pool. 5) Add the just removed paging space back into the Reserved Pool. 6) Activate

the partition. If this does not resolve the problem, contact your next level of support.

Failing Item:

- SVCDOCS
-

B200600A

Explanation: A problem occurred during the IPL of a partition.

Response: The partition could not reserve the memory required for IPL.

Contact your next level of support.

Failing Item:

- NEXTLVL
-

B200600B

Explanation: The Hypervisor was unable to detect the list of SRIOV capable adapters used by this partition. It is possible that the partition will activate without SRIOV resources.

B200600C

Explanation: The Hypervisor was unable to verify all SRIOV logical ports were available before booting the partition. It is possible that some of the SRIOV logical ports may not be available.

B200600D

Explanation: The Hypervisor was unable to retrieve the list of SRIOV logical ports used by the partition. It is possible that some SRIOV logical ports may not be available.

B200600E

Explanation: One or more SRIOV adapters used by the partition did not become functional in a reasonable amount of time. The IPL of the partition continued but one or more SRIOV logical ports may not be available.

B200600F

Explanation: One or more SRIOV logical ports used by the partition were not configured in a reasonable amount of time. The partition IPL continued but one or more of the SRIOV logical ports may not be available.

B2006010

Explanation: A UUID for a partition was not generated in the time allowed.

Response: Delete and recreate the partition. If the same failure occurs, contact your service provider.

B2006011

Explanation: An error occurred when retrieving the UUID for the partition.

Response: Delete and recreate the partition. If the same failuer occurs, contact your service provider.

B2006012

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. The partition's LID failed to completely load into the partition's mainstore area.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2006015

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

The load source media is corrupted or not valid.

Failing Item:

- LSERROR

B2006025

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

This is a problem with the load source media being corrupt or not valid.

Failing Item:

- LSERROR

B2006027

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

A failure occurred when allocating memory for an internal object used for LID load operations. Ensure the partition was allocated enough main storage, verify that no memory leaks are present, and then retry the operation.

Failing Item:

- NEXTLVL

B2006110

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. Error on load source device.

Failing Item:

- LSERROR

B2006115

Explanation: The IBM i lids needed for IPL are compressed.

B200690A

Explanation: A problem occurred during the IPL of a partition.

Response: An error occurred while copying Open Firmware into the partition load area. Contact your next level of support.

Failing Item:

- NEXTLVL

B2007200

Explanation: System log entry only, no service action required

Response: The partition ID is in extended word one as LP=xxx in decimal format. An error condition was encountered when communicating with the load source I/O Processor for the partition identified in the xx field of the B2xx SRC.

This informational error indicates a failure resetting the I/O Processor in the preceding B2xx3200 error. This may be normal. If there is a hardware failure there will be a different serviceable event. If the system IPL hangs at B2xx7200 and you cannot check the SRC history, perform the actions indicated for the B2xx3110 SRC.

B2008080

Explanation: System log entry only, no service action required

B2008081

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. An internal LIC timeout has occurred. The partition may continue to IPL but it may experience problems while running.

Failing Item:

B2008105 • B2008115

- LICCODE

B2008105

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. There was a failure loading the VPD areas of the partition. Possible causes are:

- Corrupted/unsupported load source media
- Insufficient resources allocated to the partition
- Unsupported partition configuration by the operating system

If the problem is due to media, replace the load source media. If the problem is due to insufficient resources, allocate enough resources to the partition. If the problem is due to unsupported partition configuration, correct the partition configuration.

Failing Item:

- SVCDOCS

B2008106

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

The IPL is terminated. Contact your next level of support.

Failing Item:

- NEXTLVL

B2008107

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. There was a problem getting a segment of main storage in the platform's main store.

Failing Item:

- LICCODE

B2008109

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. A failure occurred. The IPL is terminated. Ensure that there is enough memory to IPL the partition.

Failing Item:

- LICCODE

B2008111

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2008112

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. A failure occurred. The IPL is terminated.

Failing Item:

- LICCODE

B2008113

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. A problem occurred on the path to the load source for the partition.

There was an error mapping memory for the partition's IPL. Call your next level of support.

Failing Item:

- LICCODE

B2008114

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. A problem occurred on the path to the load source for the partition.

There was a failure verifying VPD for the partition's resources during IPL. Call your next level of support.

Failing Item:

- LICCODE

B2008115

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. There was a low level partition to partition communication failure.

Failing Item:

- LICCODE

B2008116

Explanation: The NvRam required for the partition could not be obtained.

Problem determination: The amount of Nvram needed to for the partition is unavailable. Free up some nvram by deleting partitions that are not longer needed.

Failing Item:

- SVCDOCS
- LICCODE

B2008117

Explanation: A problem occurred during the IPL of a partition.

Response: Partition did not IPL due to platform Licensed Internal Code error.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2008121

Explanation: A problem occurred during the IPL of a partition.

Response: Partition did not IPL due to platform Licensed Internal Code error.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2008123

Explanation: A problem occurred during the IPL of a partition.

Response: Partition did not IPL due to platform Licensed Internal Code error.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2008125

Explanation: A problem occurred during the IPL of a partition.

Response: Partition did not IPL due to platform Licensed Internal Code error.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2008127

Explanation: A problem occurred during the IPL of a partition.

Response: Partition did not IPL due to platform Licensed Internal Code error.

Contact your next level of support.

Failing Item:

- NEXTLVL

B2008129

Explanation: A problem occurred during the IPL of a partition.

Response: Partition did not IPL due to platform Licensed Internal Code error.

Contact your next level of support.

Failing Item:

- NEXTLVL

B200813A

Explanation: A problem occurred during the IPL of a partition.

Response: A problem occurred associating the partition terminal to the console serial port. This association is only attempted when in Manufacturing Default Configuration (MDC) mode.

There may be a service processor problem. Check for firmware updates and install them. If there are no firmware updates available, look for and correct errors with SRCs of the form B1xxxxxx in the Serviceable Event View. If that does not resolve the problem, contact your next level of support.

Failing Item:

- SVCDOCS

B2008140

Explanation: System log entry only, no service action required

Response: A problem occurred during the IPL of a partition. The IPL continued without the VPD information for a slot.

The partition ID is in extended word one as LP=xxx in decimal format. An error occurred while retrieving a location code.

B2008141

Explanation: System log entry only, no service action required

Response: A problem occurred during the IPL of a partition. The IPL continued without retrieving location code information for a slot or a bus.

The partition ID is in extended word one as LP=xxx in decimal format. An error occurred while retrieving a location code.

B2008142

Explanation: System log entry only, no service action required

Response: A problem occurred during the IPL of a partition. The IPL continued without retrieving the port location labels for an embedded slot.

The partition ID is in extended word one as LP=xxx in decimal format.

B2008143

Explanation: System log entry only, no service action required

Response: A problem occurred during the IPL of a partition. The IPL continued without all available slot information.

The partition ID is in extended word one as LP=xxx in decimal format.

B2008144

Explanation: System log entry only, no service action required

Response: A problem occurred during the IPL of a partition. The IPL continued without all available processor information.

The partition ID is in extended word one as LP=xxx in decimal format.

B2008145

Explanation: System log entry only, no service action required

Response: A problem occurred during the IPL of a partition. The IPL continued without all available physical I/O information.

The partition ID is in extended word one as LP=xxx in decimal format.

B2008150

Explanation: Platform LIC detected an error

Response: The partition ID is in extended word one as LP=xxx in decimal format. A platform Licensed Internal Code error occurred.

Perform a platform dump and contact your next level of support.

Failing Item:

- NEXTLVL
-

B2008151

Explanation: Platform LIC detected an error

Response: The partition ID is in extended word one as LP=xxx in decimal format. A platform Licensed Internal Code error occurred.

The partition assigned resources beyond its maximum capacity. Use HMC, SDMC, IVM or ASMI to increase the Logical Memory Block (LMB) size and/or use HMC, SDMC or IVM to reduce the number of virtual devices for the partition.

Failing Item:

- SVCDOCS
-

B2008152

Explanation: No active system processors

Response: Contact your next level of support.

Failing Item:

- NEXTLVL
-

B2008153

Explanation: An unrecoverable memory error caused a partition IPL to fail.

Response: If you find a B123E504 or other memory related srcs that require a service action, perform the actions indicated to resolve the error. Then close this problem.

Problem determination: The failing memory may have been automatically deallocated or resolved. Retry the partition IPL. If the problem repeats, contact your next level of support..

Failing Item:

- SVCDOCS
-

B2008160

Explanation: A problem occurred during the migration of a partition

Response: Contact your next level of support.

Failing Item:

- NEXTLVL

B2008161

Explanation: A problem occurred during the migration of a partition

Response: Contact your next level of support.

Failing Item:

- NEXTLVL

B2009004

Explanation: Hypervisor internal error processing SRIOV capable adapter configuration.

Failing Item:

- LICCODE

B2009008

Explanation: Unable to configure the ports for an SRIOV capable adapter.

Problem determination: Look in the serviceable event log for B400xxxx errors from around the same time as this event and follow the recovery actions for these errors. If there are no B400xxxx errors in the serviceable event log, continue with the next FRU in the callout list.

Failing Item:

- SVCDOCS
- LICCODE

B200900C

Explanation: Unable to configure an SRIOV capable adapter.

Problem determination: Look in the serviceable event log for B400xxxx errors from around the same time as this event and follow the recovery actions for these errors. If there are no B400xxxx errors in the serviceable event log, continue with the next FRU in the callout list.

Failing Item:

- SVCDOCS
- LICCODE

B2009010

Explanation: Unable to configure the ports for an SRIOV capable adapter.

Problem determination: Look in the serviceable event log for B400xxxx errors from around the same time as this event and follow the recovery actions for these errors. If there are no B400xxxx errors in the serviceable event log, continue with the next FRU in the callout list.

Failing Item:

- SVCDOCS
- LICCODE

B2009014

Explanation: Unable to complete the configuration of an SRIOV capable adapter.

Problem determination: Look in the serviceable event log for B400xxxx errors from around the same time as this event and follow the recovery actions for these errors. If there are no B400xxxx errors in the serviceable event log, continue with the next FRU in the callout list.

Failing Item:

- SVCDOCS
- LICCODE

B2009018

Explanation: Hypervisor internal error processing SRIOV capable adapter.

Failing Item:

- LICCODE

B2009108

Explanation: Phyp Internal Error

Failing Item:

- LICCODE

B200910C

Explanation: Unable to configure logical ports for an SRIOV capable adapter.

Problem determination: Look in the serviceable event log for B400xxxx errors from around the same time as this event and follow the recovery actions for these errors. If there are no B400xxxx errors in the serviceable event log, continue with the next FRU in the callout list.

Failing Item:

- SVCDOCS
- LICCODE

B2009110

Explanation: Unable to deconfigure a logical port for an SRIOV capable adapter.

Response: Verify Adapter is functional, if so contact the next level of support

Problem determination: Look in the serviceable event log for B400xxxx errors from around the same time as this event and follow the recovery actions for these

B2009114 • B200C148

errors. If there are no B400xxxx errors in the serviceable event log, continue with the next FRU in the callout list.

Failing Item:

- SVCDOCS
- LICCODE

B2009114

Explanation: Obtaining the VTPM trusted system key from the core of the hypervisor has failed.

Response: SYSDUMP will be required for debugging.

Failing Item:

- LICCODE

B2009115

Explanation: Sending a change key message to the VTPM has failed.

Response: Verify that the VTPM is operational, consider collecting an LPADUMP and contact the next support level.

Failing Item:

- LICCODE

B2009116

Explanation: VTPM returned an error when a key change was requested. This is a communications level error.

Problem determination: Verify the VTPM is operational e.g. `"/usr/bin/tpm_readpcr -n 1"`, retry the `chkskey` operation and if error persists contact next level of support.

Failing Item:

- SVCDOCS
- LICCODE

B2009117

Explanation: Sending a power-state changed message to the VTPM internal resource failed.

B200A100

Explanation: A problem occurred after a partition ended abnormally.

Response: The partition ID is in extended word one as LP=xxx in decimal format. This partition could not stay running and shut itself down.

Work any error logs in the Serviceable Event View. If there are no errors, contact your next level of support.

Failing Item:

- SVCDOCS

B200A101

Explanation: A partition ended abnormally. The partition could not stay running and shut itself down.

B200A140

Explanation: A partition terminated due to a bad processor

Response: A lower priority partition lost a usable processor to supply it to a higher priority partition with a bad processor.

The partition ID is in extended word one as LP=xxx in decimal format.

If the partition is an IBM i Operating System partition, main store will be saved to disk. The partition will be powered off after the process is completed.

For all other partition types, the partition will power off immediately.

Evaluate the entire LPAR configuration. Adjust partition profiles with the new number of processors available in the system.

Failing Item:

- SVCDOCS

B200B07B

Explanation: System log entry only, no service action required

B200B215

Explanation: A problem occurred after a partition ended abnormally.

Response: The partition ID is in extended word one as LP=xxx in decimal format. There was a communications problem between this partition's service processor and the platform's service processor.

The platform will need to be re-IPLed before that partition can be used. Call your next level of support.

Failing Item:

- NEXTLVL

B200C148

Explanation: Unable to restore state after failed main store dump, Dump data in memory is not for the failed main store dump.

B200C158

Explanation: Unable to restore the hypervisor page table after a failed main store dump.

B200C1F0

Explanation: A problem occurred during a power off a partition

Response: Internal platform Licensed Internal Code error occurred during partition shutdown or re-IPL.

Contact your next level of support.

Failing Item:

- NEXTLVL

B200D150

Explanation: A problem occurred after a partition ended abnormally.

Response: The partition ID is in extended word one as LP=xxx in decimal format. There was a communications problem between this partition and code that handles resource allocation. Call your next level of support.

Failing Item:

- LICCODE

B200E0AA

Explanation: A problem occurred during a power off a partition

Response: During the partition IPL, the partition terminal was associated to the console serial port. During partition shutdown, the unassociation of the partition terminal to the console serial port failed.

There may be a service processor problem. Check for firmware updates and install them. If there are no firmware updates available, look for and correct errors with SRCs of the form B1xxxxxx in the Serviceable Event View. If that does not resolve the problem, contact your next level of support.

Failing Item:

- SVCDOCS

B200F000

Explanation: Hypervisor Internal Error

Failing Item:

- LICCODE

B200F001

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. An operation has timed out.

Ignore this error if there are other serviceable errors. Work those error logs for this partition and for the platform from the Serviceable Event View. If there are no errors, contact your next level of support.

Failing Item:

- SVCDOCS

B200F003

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. Partition processors did not start LIC within the timeout window.

Capture a Partition Dump and call your next level of support.

Failing Item:

- NEXTLVL

B200F004

Explanation: System log entry only, no service action required

Response: A system request to power off a partition failed.

The partition ID is in extended word one as LP=xxx in decimal format. The partition did not respond to a system request to power off the partition. This partition had a communications problem.

If the partition is an IBM i Operating System partition, capture a Partition Dump. Contact your next level of support.

B200F005

Explanation: System log entry only, no service action required

Response: The partition ID is in extended word one as LP=xxx in decimal format. The partition did not respond to a system request to power off the partition.

B200F006

Explanation: A problem occurred during the IPL of a partition.

Response: The partition ID is in extended word one as LP=xxx in decimal format. The code load operation

B200F007 • B200F010

for the partition's IPL timed out.

Work any error logs for this partition in the Serviceable Event View. If there are no errors, contact your next level of support.

Failing Item:

- SVCDOCS

B200F007

Explanation: A problem occurred during a power off a partition

Response: The partition ID is in extended word one as LP=xxx in decimal format. A problem occurred on the path to the load source for the partition.

A timeout occurred during the process of trying to stop a partition from running. Contact your next level of support.

Failing Item:

- LICCODE

B200F008

Explanation: A problem occurred during the IPL of a partition.

Response: During an IPL, a timeout occurred while waiting for a ready message from the partition.

Look for other errors. Re-IPL the partition to recover.

B200F009

Explanation: System log entry only, no service action required

Response: During an IPL, a timeout occurred while waiting for a response to a message.

Look for other errors. Re-IPL the partition to recover.

B200F00A

Explanation: System log entry only, no service action required

Response: During an IPL, a timeout occurred while waiting for a response to a message.

Look for other errors. If this SRC is displayed in the operator panel, then panel function 34 might be used to retry the current IPL while the partition is still in the failed state.

B200F00B

Explanation: System log entry only, no service action required

Response: During an IPL, a timeout occurred while waiting for a response to a message.

Look for other errors. If this SRC is displayed in the operator panel, then panel function 34 might be used to retry the current IPL while the partition is still in the failed state.

B200F00C

Explanation: System log entry only, no service action required

Response: During an IPL, a timeout occurred while waiting for a response to a message.

Look for other errors. If this SRC is displayed in the operator panel, then panel function 34 might be used to retry the current IPL while the partition is still in the failed state.

B200F00D

Explanation: Timeout occurred during a main store dump IPL

Response: If this SRC is displayed in the operator panel during a main store dump IPL, then panel function 34 might be used to retry the current main store dump IPL while the partition is in the failed state.

B200F00E

Explanation: Hypervisor internal communication failure.

B200F00F

Explanation: Hypervisor internal communication failure. LPADUMP initiated for the failed resource.

Response: Collect the LPADUMP and look for additional B400xxxx Serviceable Events which occurred around the same time as this SRC.

Failing Item:

- SVCDOCS

B200F010

Explanation: PHYP detected that the specified partition took too long to process the Integrated Fabric Management (IFM) data. IFM operations for the partition may not be complete.

Problem determination: A reboot of the offending partition may clear up the error

Failing Item:

- LICCODE

B200F011

Explanation: A timeout has occurred waiting for a response to an internal message sent to the Hypervisor.

Failing Item:

- LICCODE

B200F012

Explanation: A timeout has occurred waiting for an SRIOV capable adapter resource to become available.

Response:

Problem determination: Look in the serviceable event log for B400xxxx errors from around the same time as this event and follow the recovery actions for these errors. If there are no B400xxxx errors in the serviceable event log, continue with the next FRU in the callout list.

Failing Item:

- SVCDOCS
- LICCODE

B2D03001

Explanation: VSP-initiated RSCDUMP of RPA partition's PFW content.

Response: No service action required.

B2D03002

Explanation: VSP-initiated RSCDUMP of IBM i partition's SLIC bootloader and PFW content.

Response: No service action required.

B2D03004

Explanation: Hypervisor initiated an LPADUMP for an internal resource.

(B3xx) Reference codes

These error codes indicate a problem in the connection monitoring between the management console and a partition that is running on the managed system.

The management console logs these error codes but does not report them to the operating systems running on the managed system.

B3010001

Explanation: Hardware Management Console (HMC) or partition connection monitoring fault

Failing Item:

- NEXTLVL

B3010002

Explanation: HMC or partition connection monitoring fault

Response: Perform the following steps:

1. Verify the network between the HMC and the partition by pinging in both directions. Correct any problems that you detect.
2. Reboot the HMC.

Failing Item:

- PTNNTWK

B3010004

Explanation: Hardware Management Console (HMC) or partition connection monitoring fault

Failing Item:

- NEXTLVL

B3010012

Explanation: HMC or partition connection monitoring fault.

Failing Item:

- NEXTLVL

B3010013

Explanation: HMC or partition connection monitoring fault.

Failing Item:

- NEXTLVL

B3010019

Explanation: HMC or partition connection monitoring fault.

Failing Item:

- NEXTLVL

B3010020

Explanation: HMC or partition connection monitoring fault.

Failing Item:

- NEXTLVL

B3010023

Explanation: HMC or partition connection monitoring fault.

Failing Item:

- NEXTLVL

B3010025

Explanation: HMC or partition connection monitoring fault.

Failing Item:

- NEXTLVL

B3010026

Explanation: HMC or partition connection monitoring fault.

Failing Item:

- NEXTLVL

B3010027

Explanation: HMC or partition connection monitoring fault

Response: Before using the entry in the FRU List, do the following:

1. If you use short host names for the HMC and the partitions, ensure that you have correctly set up the short host names. For more information, see the instructions in "Using Network Adapters to

B3010029 • B3030003

Communicate with Partitions" in the *Installation and Configuration Guide for the Hardware Management Console* . Correct any problems that you find, then verify that you can ping in both directions between the HMC and the partitions.

2. If you do not use short host names or if the previous step does not correct the problem, use the FRU List.

Failing Item:

- NEXTLVL
-

B3010029

Explanation: HMC or partition connection monitoring fault.

Failing Item:

- NEXTLVL
-

B301002B

Explanation: HMC or partition connection monitoring fault.

Failing Item:

- NEXTLVL
-

B301002C

Explanation: HMC or partition connection monitoring fault.

Failing Item:

- NEXTLVL
-

B301002D

Explanation: HMC or partition connection monitoring fault.

Failing Item:

- NEXTLVL
-

B3020001

Explanation: Management Console (MC) RMC connection to partition monitoring fault

Response: The Management Console (MC) either has no, or lost, RMC connection to the partition. Check for the following possible causes:

1. The partition does not have network configured.
2. The partition could be low on system resources. Lacking space in /root or /var might cause no RMC connection; extremely busy system would cause network, and the RMC connection, to drop intermittently.
3. The firewall is not authenticated. This can be verified by ssh/telnet from the MC to the lpar and vice versa.

4. The partition was cloned improperly and has the same Node Id as some other partition(s).

For more information, see the instructions in "Using Network Adapters to Communicate with Partitions" in the *Installation and Configuration Guide for the Hardware Management Console*

Failing Item:

- NEXTLVL
-

B3030001

Explanation: The communication link between the service processor and the Hardware Management Console (HMC) failed.

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK
-

B3030002

Explanation: A single partition HMC link failed.

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK
 - PTNNTWK
-

B3030003

Explanation: Multiple partition HMC links failed.

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the

symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK
- PTNNTWK
- HMCMTWK

B3030004

Explanation: All partition links for a single system to HMC failed.

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK
- PTNNTWK

B3030005

Explanation: All system links from one system to a single HMC failed.

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK

B3030006

Explanation: The links between a single HMC and a single managed system failed.

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK

B3030007

Explanation: A single HMC link to more than one managed system occurred.

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK
- HMCNTWK

B3030008

Explanation: One HMC link to another single HMC failed.

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK
- HMCNTWK

B3030009

Explanation: One HMC link to more than one HMC occurred.

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK

B303000A • B303000F

- HMCMTWK

B303000A

Explanation: The HMC lost links to all managed systems.

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK

B303000B

Explanation: Multiple HMCs lost links to a single managed system.

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK
- HMCMTWK

B303000C

Explanation: Multiple HMCs lost links to multiple managed systems.

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK
- HMCMTWK

B303000D

Explanation: Multiple HMCs lost links to multiple managed systems.

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK
- HMCMTWK

B303000E

Explanation: The Network Interface Card (NIC) failed.

Response: Use the error codes offered in the HMC Focal Point to diagnose and repair the problem. For more information, see *Using Service Focal Point* .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SYSNTWK

B303000F

Explanation: A single partition HMC link failure occurred on a redundant path.

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK
- PTNNTWK

B3030010

Explanation: A single HMC link to one HMC failure occurred on a redundant path.

B3030011

Explanation: Server firmware connection monitoring to the flexible service processor failed.

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK

B3030012

Explanation: Flexible service processor connection monitoring of server firmware failed

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK

B3030013

Explanation: The communication path (mailbox) between server firmware and the flexible service processor failed.

Response: Perform FSPSP33 .

Note: This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

Failing Item:

- SPNETWK

- MAILBOX

B3031000

Explanation: Customer reported a console problem when creating a serviceable event on the HMC user interface.

Response: Contact the customer for more information about the problem.

B3031001

Explanation: Customer reported a power problem when creating a serviceable event on the HMC user interface.

Response: Contact the customer for more information about the problem.

B3031002

Explanation: Customer reported a processor problem when creating a serviceable event on the HMC user interface.

Response: Contact the customer for more information about the problem.

B3031003

Explanation: Customer reported a LAN problem when creating a serviceable event on the HMC user interface.

Response: Contact the customer for more information about the problem.

B3031004

Explanation: Customer reported a software problem when creating a serviceable event on the HMC user interface.

Response: Contact the customer for more information about the problem.

B3031005

Explanation: Customer reported a input/output (I/O) problem when creating a serviceable event on the HMC user interface.

Response: Contact the customer for more information about the problem.

B3031006

Explanation: Customer reported a problem when creating a serviceable event on the HMC user interface.

Response: Contact the customer for more information about the problem.

B3031007

Explanation: Customer tested problem reporting by creating a serviceable event on the HMC user interface.

Response: Contact the customer for more information about the problem.

B3031100

Explanation: Customer reported a problem when creating a serviceable event on the HMC user interface.

Response: Contact the customer for more information about the problem.

B3031101

Explanation: Customer reported a power problem when creating a serviceable event on the HMC user interface.

Response: Contact the customer for more information about the problem.

B3031102

Explanation: Customer reported a processor problem when creating a serviceable event on the HMC user interface.

Response: Contact the customer for more information about the problem.

B3031103

Explanation: Customer reported a LAN problem when creating a serviceable event on the HMC user interface.

Response: Contact the customer for more information about the problem.

B3031104

Explanation: Customer reported a software problem when creating a serviceable event on the HMC user interface.

Response: Contact the customer for more information about the problem.

B3031105

Explanation: Customer reported a input/output (I/O) problem when creating a serviceable event on the HMC user interface.

Response: Contact the customer for more information about the problem.

B3031106

Explanation: Customer reported a problem when creating a serviceable event on the HMC user interface.

Response: Contact the customer for more information about the problem.

B3031107

Explanation: Customer tested problem reporting by creating a serviceable event on the HMC user interface.

Response: Contact the customer for more information about the problem.

B3036600

Explanation: The HMC failed to retrieve a dump from a managed system. If you have a redundant HMC environment, a peer HMC might have retrieved the dump. This might be a temporary problem.

Response: After receiving this error, perform the following steps:

1. Ensure that there is connectivity between this HMC and managed System reported.
2. Use the manage dumps utility to determine if dumps have been received from the managed system.
3. If there is a peer HMC managing the same system, also check that HMC. Managed System Dumps can be retrieved by any HMC connected to the system. If there is a current dump from the managed system reported in the error, than the available dump has been retrieved.

B3036601

Explanation: The HMC failed to retrieve a platform system dump from the managed system. If you have a redundant HMC environment, a peer HMC might have retrieved the dump. This might be a temporary problem.

Response: After receiving this error, perform the following steps:

1. Use the manage dumps utility to determine if a dump of that type has been received from the managed system.
2. If you have a peer HMC managing the same system, also check that HMC. Managed System Dumps can be retrieved by any HMC connected to the system. If there is a current dump of the type that failed from the managed system reported in the error, than the available dump of that type has been retrieved.

B3036602

Explanation: The HMC failed to retrieve a dump from the service processor. If you have a redundant HMC environment, a peer HMC might have retrieved the dump. This might be a temporary problem.

Response: After receiving this error, perform the following steps:

1. Use the manage dumps utility to determine if a dump of that type has been received from the managed system.
2. If you have a peer HMC managing the same system, also check that HMC. Managed System Dumps can be retrieved by any HMC connected to the system. If there is a current dump of the type that failed from the managed system reported in the error, than the available dump of that type has been retrieved.

B3036604

Explanation: The HMC failed to retrieve a power subsystem dump from the managed system. If you have a redundant HMC environment, a peer HMC might have retrieved the dump. This might be a temporary problem.

Response: After receiving this error, perform the following steps:

1. Use the manage dumps utility to determine if a dump of that type has been received from the managed system.
2. If you have a peer HMC managing the same system, also check that HMC. Managed System Dumps can be retrieved by any HMC connected to the system. If there is a current dump of the type that failed from the managed system reported in the error, than the available dump of that type has been retrieved.

B3036620

Explanation: Primary HMC arbitration failure for domain {0} with peers {1}.

Response:

Note: Domain indicates which domain the managed system belongs to. Peers indicate what HMC are also connected to the service processor.

After receiving this error, perform the following steps:

This error code indicates that this HMC did receive primary information from a peer HMC. To resolve this issue ensure that there is connectivity to the service processor and the other HMC connected to the managed system.

B3036625

Explanation: Primary HMC arbitration failure for domain {0} with peers {1}.

Response:

Note: Domain indicates which domain the managed system belongs to. Peers indicate what HMC are also connected to the service processor.

After receiving this error, perform the following steps:

This error code indicates that this HMC could not communicate with the service processor to either set itself as a primary or to determine if other HMCs are connected. To resolve this issue ensure that there is connectivity to the service processor and the other HMC connected to the managed system.

B3100011

Explanation: The DVD RW drive or disk has failed.

B3100500

Explanation: Ethernet network failure

Response: Do the following:

1. Reseat your Ethernet card.
2. Check your Ethernet cable connections.
3. If the previous actions do not resolve the problem, contact your next level of support.

Failing Item:

- NEXTLVL

B3112420

Explanation: Ethernet network failure

Response: Do the following:

1. Reseat your Ethernet card.
2. Check your Ethernet cable connections.
3. If the previous actions do not resolve the problem, contact your next level of support.

Failing Item:

- NEXTLVL

B3112420

(B4xx) Reference codes

B4000001

Explanation: The adapter used by system firmware has an EEH (Extended Error Handling) error.

Response: Collect a resource dump for the firmware that logged the error using the appropriate resource selector as indicated below. This will create an LPADUMP which should be collected for debug.

If a location code is provided with the SVCDOCS FRU callout, the resource is an SRIOV adapter. Use a resource selector of "sriov [location code] [restart]" for the resource dump.

If there is no location code provided with the SVCDOCS FRU callout, the resource is a VTPM (Virtual Trusted Platform Module). Use a resource selector of "vtpm [lp id] [restart]" for the resource dump where the lp id is determined from word 4 of the SRC.

The [restart] parameter is optional and will restart the firmware managing the VTPM or SRIOV resources. Specifying this option will cause a temporary loss of function. The restart option is preferable for SRIOV, if all logical ports have failed and are unusable from the LPARs or if a temporary interruption can be tolerated by all logical ports. The restart option is required to collect an adapter dump for the impacted SRIOV adapter.

Failing Item:

- SVCDOCS

B4000002

Explanation: Verification of the PCIe configuration space for the SRIOV capable adapter has failed.

Response: Collect a resource dump for the firmware that logged the error using the appropriate resource selector as indicated below. This will create an LPADUMP which should be collected for debug.

If a location code is provided with the SVCDOCS FRU callout, the resource is an SRIOV adapter. Use a resource selector of "sriov [location code] [restart]" for the resource dump.

If there is no location code provided with the SVCDOCS FRU callout, the resource is a VTPM (Virtual Trusted Platform Module). Use a resource selector of "vtpm [lp id] [restart]" for the resource dump where the lp id is determined from word 4 of the SRC.

The [restart] parameter is optional and will restart the firmware managing the VTPM or SRIOV resources. Specifying this option will cause a temporary loss of function. The restart option is preferable for SRIOV, if

all logical ports have failed and are unusable from the LPARs or if a temporary interruption can be tolerated by all logical ports. The restart option is required to collect an adapter dump for the impacted SRIOV adapter.

Failing Item:

- SVCDOCS

B4000003

Explanation: An attempt to setup an I/O mapping with the Hypervisor has failed.

B4000004

Explanation: The setup of the PCIe adapter base address registers has failed.

Response: Collect a resource dump for the firmware that logged the error using the appropriate resource selector as indicated below. This will create an LPADUMP which should be collected for debug.

If a location code is provided with the SVCDOCS FRU callout, the resource is an SRIOV adapter. Use a resource selector of "sriov [location code] [restart]" for the resource dump.

If there is no location code provided with the SVCDOCS FRU callout, the resource is a VTPM (Virtual Trusted Platform Module). Use a resource selector of "vtpm [lp id] [restart]" for the resource dump where the lp id is determined from word 4 of the SRC.

The [restart] parameter is optional and will restart the firmware managing the VTPM or SRIOV resources. Specifying this option will cause a temporary loss of function. The restart option is preferable for SRIOV, if all logical ports have failed and are unusable from the LPARs or if a temporary interruption can be tolerated by all logical ports. The restart option is required to collect an adapter dump for the impacted SRIOV adapter.

Failing Item:

- SVCDOCS

B4000100

Explanation: An interrupt source could not be masked due to an error from the Hypervisor.

Response: Collect a resource dump for the firmware resource that logged the error.

Failing Item:

- SVCDOCS

B4000101 • B400B001

B4000101

Explanation: An interrupt source could not be unmasked due to an error from the Hypervisor.

Response: Collect a resource dump for the firmware resource that logged the error.

Failing Item:

- SVCDOCS

B4000102

Explanation: The directory is full and a new entry could not be added.

B4000201

Explanation: An allocation of memory has failed.

Response: Collect a resource dump for the firmware resource that logged the error.

Failing Item:

- SVCDOCS

B4000202

Explanation: An unrecoverable assert has occurred.

Response: Collect a resource dump for the firmware resource that logged the error.

Failing Item:

- SVCDOCS

B4003004

Explanation: Firmware initiated LPADUMP

B4008001

Explanation: A bad parameter was passed to a critical function.

Response: Collect a resource dump for the firmware resource that logged the error.

Failing Item:

- SVCDOCS

B4008101

Explanation: Not all error tracing sessions could be instantiated.

B4008102

Explanation: The current time could not be retrieved.

Response: Collect a resource dump for the firmware resource that logged the error.

Failing Item:

- SVCDOCS

B4008103

Explanation: The current timebase frequency could not be retrieved.

Response: Collect a resource dump for the firmware resource that logged the error.

Failing Item:

- SVCDOCS

B400A000

Explanation: The close of a virtual device driver has failed.

Response: Collect a resource dump for the firmware resource that logged the error.

Failing Item:

- SVCDOCS

B400A001

Explanation: The schedule of a task for a virtual device driver has failed.

Response: Collect a resource dump for the firmware resource that logged the error.

Failing Item:

- SVCDOCS

B400A0A0

Explanation: An invalid command was received by the management channel.

B400A0A1

Explanation: Debug output failed to be sent to the Hypervisor.

B400A0A2

Explanation: A debug handler for the management channel failed to initialize.

Response: Collect a resource dump for the firmware resource that logged the error.

Failing Item:

- SVCDOCS

B400B001

Explanation: The Virtual Trusted Platform Module (VTPM) could not seed its Psuedo-Random Number Generator (PRNG).

Response: Collect a resource dump for the firmware

resource that logged the error.

Failing Item:

- SVCDOCS

B400B002

Explanation: The Virtual Trusted Platform Module (VTPM) initialization failed.

Response: Collect a resource dump for the firmware resource that logged the error.

Failing Item:

- SVCDOCS

B400B003

Explanation: The Virtual Trusted Platform Module (VTPM) has entered the fail state.

Response: Collect a resource dump for the firmware resource that logged the error.

Failing Item:

- SVCDOCS

B400B004

Explanation: The Virtual Trusted Platform Module (VTPM) communication channel failed to initialize.

Response: Collect a resource dump for the firmware resource that logged the error.

Failing Item:

- SVCDOCS

B400F104

Explanation: System firmware Error

Response: Send the resource dump to the next level of support.

Failing Item:

- SVCDOCS

B400FF01

Explanation: An adapter hardware error has occurred.

Response: Replace the adapter for which the error is logged. If the error persists, collect a resource dump for the firmware that logged the error using the appropriate resource selector as indicated below. This will create an LPADUMP which should be collected for debug.

If a location code is provided with the SVCDOCS FRU callout, the resource is an SRIOV adapter. Use a resource selector of "sriov [location code] [restart]" for the resource dump.

If there is no location code provided with the

SVCDOCS FRU callout, the resource is a VTPM (Virtual Trusted Platform Module). Use a resource selector of "vtpm [lp id] [restart]" for the resource dump where the lp id is determined from word 4 of the SRC.

The [restart] parameter is optional and will restart the firmware managing the VTPM or SRIOV resources. Specifying this option will cause a temporary loss of function. The restart option is preferable for SRIOV, if all logical ports have failed and are unusable from the LPARs or if a temporary interruption can be tolerated by all logical ports. The restart option is required to collect an adapter dump for the impacted SRIOV adapter.

Failing Item:

- PCI_IOV
- LICCODE

B400FF02

Explanation: An adapter internal error has occurred.

Response: Collect a resource dump for the firmware that logged the error using the appropriate resource selector as indicated below. This will create an LPADUMP which should be collected for debug.

If a location code is provided with the SVCDOCS FRU callout, the resource is an SRIOV adapter. Use a resource selector of "sriov [location code] [restart]" for the resource dump.

If there is no location code provided with the SVCDOCS FRU callout, the resource is a VTPM (Virtual Trusted Platform Module). Use a resource selector of "vtpm [lp id] [restart]" for the resource dump where the lp id is determined from word 4 of the SRC.

The [restart] parameter is optional and will restart the firmware managing the VTPM or SRIOV resources. Specifying this option will cause a temporary loss of function. The restart option is preferable for SRIOV, if all logical ports have failed and are unusable from the LPARs or if a temporary interruption can be tolerated by all logical ports. The restart option is required to collect an adapter dump for the impacted SRIOV adapter.

Failing Item:

- SVCDOCS
- LICCODE
- PCI_IOV

B400FF03

Explanation: An adapter error has occurred related to transceiver modules.

Response: Reinstall original transceiver module(s) if removed by error. Collect a resource dump for the firmware that logged the error using the appropriate resource selector as indicated below. This will create an

B400FF04 • B400FF06

LPADUMP which should be collected for debug.

If a location code is provided with the SVCDOCS FRU callout, the resource is an SRIOV adapter. Use a resource selector of "sriov [location code] [restart]" for the resource dump.

If there is no location code provided with the SVCDOCS FRU callout, the resource is a VTPM (Virtual Trusted Platform Module). Use a resource selector of "vtpm [lp id] [restart]" for the resource dump where the lp id is determined from word 4 of the SRC.

The [restart] parameter is optional and will restart the firmware managing the VTPM or SRIOV resources. Specifying this option will cause a temporary loss of function. The restart option is preferable for SRIOV, if all logical ports have failed and are unusable from the LPARs or if a temporary interruption can be tolerated by all logical ports. The restart option is required to collect an adapter dump for the impacted SRIOV adapter.

Problem determination: Reinstall original SFP+ modules if removed by error.

Failing Item:

- SVCDOCS
- PCL_IOV

B400FF04

Explanation: An internal firmware or adapter firmware error has occurred.

Response: Collect a resource dump for the firmware that logged the error using the appropriate resource selector as indicated below. This will create an LPADUMP which should be collected for debug.

If a location code is provided with the SVCDOCS FRU callout, the resource is an SRIOV adapter. Use a resource selector of "sriov [location code] [restart]" for the resource dump.

If there is no location code provided with the SVCDOCS FRU callout, the resource is a VTPM (Virtual Trusted Platform Module). Use a resource selector of "vtpm [lp id] [restart]" for the resource dump where the lp id is determined from word 4 of the SRC.

The [restart] parameter is optional and will restart the firmware managing the VTPM or SRIOV resources. Specifying this option will cause a temporary loss of function. The restart option is preferable for SRIOV, if all logical ports have failed and are unusable from the LPARs or if a temporary interruption can be tolerated by all logical ports. The restart option is required to collect an adapter dump for the impacted SRIOV adapter.

Failing Item:

- SVCDOCS
- LICCODE

B400FF05

Explanation: An adapter I/O error occurred.

Response: Look for B7006xxx SRCs and follow service procedures for those SRCs. If no B700xxxx SRCs exist, continue with the eFRU list. Collect a resource dump for the firmware that logged the error using the appropriate resource selector as indicated below. This will create an LPADUMP which should be collected for debug.

If a location code is provided with the SVCDOCS FRU callout, the resource is an SRIOV adapter. Use a resource selector of "sriov [location code] [restart]" for the resource dump.

If there is no location code provided with the SVCDOCS FRU callout, the resource is a VTPM (Virtual Trusted Platform Module). Use a resource selector of "vtpm [lp id] [restart]" for the resource dump where the lp id is determined from word 4 of the SRC.

The [restart] parameter is optional and will restart the firmware managing the VTPM or SRIOV resources. Specifying this option will cause a temporary loss of function. The restart option is preferable for SRIOV, if all logical ports have failed and are unusable from the LPARs or if a temporary interruption can be tolerated by all logical ports. The restart option is required to collect an adapter dump for the impacted SRIOV adapter.

Failing Item:

- SVCDOCS
- PCL_IOV
- LICCODE

B400FF06

Explanation: A cable error was detected.

Response: Replace network cable. Collect a resource dump for the firmware that logged the error using the appropriate resource selector as indicated below. This will create an LPADUMP which should be collected for debug.

If a location code is provided with the SVCDOCS FRU callout, the resource is an SRIOV adapter. Use a resource selector of "sriov [location code] [restart]" for the resource dump.

If there is no location code provided with the SVCDOCS FRU callout, the resource is a VTPM (Virtual Trusted Platform Module). Use a resource selector of "vtpm [lp id] [restart]" for the resource dump where the lp id is determined from word 4 of the SRC.

The [restart] parameter is optional and will restart the firmware managing the VTPM or SRIOV resources. Specifying this option will cause a temporary loss of function. The restart option is preferable for SRIOV, if all logical ports have failed and are unusable from the

LPARs or if a temporary interruption can be tolerated by all logical ports. The restart option is required to collect an adapter dump for the impacted SRIOV adapter.

Problem determination: Replace network cable.

Failing Item:

- SVCDOCS

B400FF40

Explanation: An adapter port or link error has occurred.

B400FF41

Explanation: Invalid configuration request

B400FF42

Explanation: Adapter dump collected.

B400FF43

Explanation: An error associated with a single virtual function occurred.

B400FF44

Explanation: Firmware internal error.

Response: Collect a resource dump for the firmware resource that logged the error.

B400FF45

Explanation: An adapter I/O error occurred.

B400FF46

Explanation: This reference code indicates that a PCIe bus internal connection initialized to a lower bus configuration than expected. The bus is operational but operating at a bandwidth below its rated capacity. This may lead to degraded I/O throughput.

(B6xx) Reference codes

B6000000

Explanation: Operating system status code.

Response: This reference code is for information only. It is shown in the Product activity log as a side effect of a condition that was detected by LIC.

Normally, no action should be taken as a result of information reference codes. However, to isolate the root cause, use these suggestions:

1. Examine the date and time of the informational reference code.
2. Determine if any other reference codes have been logged at or before the same date and time.
3. Begin the service approach based on these other logged errors.

B6000102

Explanation: A machine check occurred during IPL.

Response: Words 2 to 9 of this SRC contain additional diagnostic information. Record SRC words 1 through 9 before attempting to IPL again and report the problem to your Software Service Provider.

B6000103

Explanation: Main storage dump must be copied for service.

Failing Item:

- LICIP01

B6000104

Explanation: Terminate Immediate reference code is bad.

Failing Item:

- LICIP08
- AJDG301

B6000105

Explanation: More than one request to terminate the system was issued.

Failing Item:

- LICIP08
- AJDG301

B6000106

Explanation: Terminate Immediate data is not valid.

Failing Item:

- LICIP08
- AJDG301

B6000107

Explanation: Main storage dump must be copied for service.

Response: The server detected an unrecoverable machine check condition.

Collect all the words of the SRC and the main store dump and send to your system manufacturer for analysis.

B6000109

Explanation: An unrecoverable memory error occurred.

Response: Re-IPL the partition that terminated. Then, look for and correct errors with SRCs of the form B1xxxxxx in the Serviceable Event View that indicate the replacement of memory in the failing item list. If there are no B1xxxxxx SRCs in the Serviceable Event View that indicate a memory problem, perform a slow boot by using Performing a slow boot in order to run diagnostics on the memory. Then, look for and correct errors with SRCs of the form B1xxxxxx in the Serviceable Event View.

Failing Item:

- SVCDOCS

B6000202

Explanation: Unrecoverable read error.

Response: Restore the Licensed Internal Code using Utilities to install and restore IBM i Licensed Internal Code.

B6000210

Explanation: The system ASP has run out of disk storage.

Response: The out of storage condition in the system ASP can be caused by an allocation failure in some other system software. This could be a looping condition that continues to allocate storage. Contact your service representative for assistance with the Main Storage Dump.

B6000231

B6000232 • B6000308

Explanation: Disk sanitize action completed successfully.

Response: No service action required. This entry is logged for information only.

B6000232

Explanation: Disk sanitize action did not complete successfully.

Response: Provide the Product Activity Log entry to your next level of support for analysis.

B6000244

Explanation: Contact was lost with the device indicated.

Response: Do not power off the system.

Perform the procedure indicated in the failing item list.

Failing Item:

- LICIP13
 - FI00580
 - FI00500
 - FI00302
 - FI00301
 - AJDG301
-

B6000255

Explanation: Contact was lost with the device indicated.

Response: Do not power off the system.

Perform the procedure indicated in the failing item list.

Failing Item:

- LICIP13
 - FI00580
 - FI00500
 - FI00302
 - FI00301
 - AJDG301
-

B6000266

Explanation: Contact was lost with the device indicated.

Response: Do not power off the system.

Perform the procedure indicated in the failing item list.

Failing Item:

- LICIP13
 - FI00580
 - FI00500
-

- FI00302
 - FI00301
 - AJDG301
-

B6000299

Explanation: Informational LIC state SRC.

B6000302

Explanation: Recursion in exception handler.

This SRC is an IBM i software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBM i LPAR's panel then report the SRC as an IBM i software problem.

Failing Item:

- LICIP08
 - AJDG301
-

B6000304

Explanation: Component specific exception handler return code not valid.

Failing Item:

- LICIP08
 - AJDG301
-

B6000305

Explanation: Exception while storage management lock is held.

Failing Item:

- LICIP08
 - AJDG301
-

B6000307

Explanation: LIC exception code detected a problem.

Response: Component Specific Exception Handler recursion is detected in an IBM i Operating System process.

Failing Item:

- LICIP08
 - AJDG301
-

B6000308

Explanation: LIC exception code detected a problem.

Response: Component Specific Exception Handler recursion is detected in an IBM i Operating System process.

Failing Item:

- LICIP08

- AJDG301

B6000317

Explanation: Traceback for code not found.

Failing Item:

- LICIP08
- AJDG301

B6000323

Explanation: LIC exception code detected a problem.

Failing Item:

- LICIP08
- AJDG301

B6000324

Explanation: LIC exception code detected a problem.

Failing Item:

- LICIP08
- AJDG301

B6000325

Explanation: LIC exception code detected a problem.

Failing Item:

- LICIP08
- AJDG301

B6000326

Explanation: LIC exception code detected a problem.

Failing Item:

- LICIP08
- AJDG301

B6000327

Explanation: LIC exception code detected a problem.

Failing Item:

- LICIP08
- AJDG301

B6000328

Explanation: LIC exception code detected a problem.

Failing Item:

- LICIP08
- AJDG301

B6000329

Explanation: LIC exception code detected a problem.

Failing Item:

- LICIP08
- AJDG301

B6000333

Explanation: A branch to a bad address was attempted.

Failing Item:

- LICIP08
- AJDG301

B6000334

Explanation: Exception Handler could not be removed.

Failing Item:

- LICIP08
- AJDG301

B6000335

Explanation: Code resumed to not valid address following exception.

Failing Item:

- LICIP08
- AJDG301

B6000336

Explanation: LIC exception code detected a problem.

Failing Item:

- LICIP08
- AJDG301

B6000401

Explanation: A machine check occurred during IPL.

Failing Item:

- LICIP08
- AJDG301

B6000402

Explanation: A machine check occurred during authority initialization.

Failing Item:

- LICIP08
- AJDG301

B6000403

Explanation: Unhandled exception during IPL or install.

Failing Item:

- LICIP08
- AJDG301

B6000405

Explanation: Unhandled exception in authority recovery.

Failing Item:

- LICIP08
- AJDG301

B6000406

Explanation: Unhandled exception in data base recovery.

Failing Item:

- LICIP08
- AJDG301

B6000407

Explanation: Unhandled exception in data base initialization.

Failing Item:

- LICIP08
- AJDG301

B6000408

Explanation: Unhandled exception in journal recovery.

Failing Item:

- LICIP08
- AJDG301

B6000409

Explanation: Unhandled exception in journal synchronization.

Failing Item:

- LICIP08
- AJDG301

B6000410

Explanation: Unhandled exception in journal clean up.

Failing Item:

- LICIP08
- AJDG301

B6000411

Explanation: Unhandled exception in commit recovery.

Failing Item:

- LICIP08
- AJDG301

B6000412

Explanation: Unhandled exception in commit initialization.

Failing Item:

- LICIP08
- AJDG301

B6000413

Explanation: Rebuild of recovery object index failed.

Failing Item:

- LICIP08
- AJDG301

B6000414

Explanation: Install of operating system failed on read from media.

Failing Item:

- LICIP08
- FI00300

B6000415

Explanation: Create user profile failed.

Failing Item:

- LICIP08
- AJDG301

B6000417

Explanation: Initiating the initial process failed.

Failing Item:

- LICIP08
- AJDG301

B6000418

Explanation: The information loaded from the install media is not valid.

Failing Item:

- LICIP08
- AJDG301

B6000419

Explanation: The information loaded from the install media is not valid.

Failing Item:

- LICIP08
 - AJDG301
-

B6000420

Explanation: The information loaded from the install media is not valid.

Failing Item:

- LICIP08
 - AJDG301
-

B6000421

Explanation: Bad return code creating a queue or message.

Failing Item:

- LICIP08
 - AJDG301
-

B6000422

Explanation: The Load/Dump command failed.

Failing Item:

- LICIP08
 - AJDG301
-

B6000423

Explanation: LIC in IBM i has detected that the system unit technology level or configuration is not supported by the version and release of IBM i attempting to install. The version and release of IBM i you are working with will not install and not IPL on this system unit.

Problem determination: Install on a system unit that is supported by the version and release of IBM i that you are working with.

Failing Item:

- SVCDOCS
-

B6000439

Explanation: Opening the IPCF connection failed.

Failing Item:

- LICIP08
 - AJDG301
-

B6000440

Explanation: Termination code is not valid.

Failing Item:

- LICIP08
 - AJDG301
-

B6000441

Explanation: Power off system command failed.

Failing Item:

- LICIP08
 - AJDG301
-

B6000443

Explanation: Programmed IPL command failure.

Failing Item:

- LICIP08
 - AJDG301
-

B6000446

Explanation: Error during machine termination.

Failing Item:

- LICIP08
 - AJDG301
-

B6000447

Explanation: Failure to reach MI boundary.

Failing Item:

- LICIP08
 - AJDG301
-

B6000449

Explanation: Exception in MI boundary manager.

Failing Item:

- LICIP08
 - AJDG301
-

B6000506

Explanation: Attempt to destroy a task with critical flag on.

Failing Item:

- LICIP08
 - AJDG301
-

B6000507

Explanation: A critical process terminated. This SRC will be in the LPAR's panel.

LIC detected an attempt to terminate a process with its critical flag set to ON. Normally this process will be SCPE.

This is a secondary affect of the process termination request for a critical process that was caused by a system error condition that began process termination. The system error condition that began process termination is most commonly a storage error or LIC exception handling.

Response: Perform LICIP08 - save and send in the Main Store Dump, collect LIC and Product Activity Logs.

Failing Item:

- LICIP08
- AJDG301

B6000607

Explanation: Maximum stack size exceeded in process or task.

Failing Item:

- LICIP08
- AJDG301

B6000620

Explanation: Event management index is not usable.

Failing Item:

- LICIP08
- AJDG301

B6000650

Explanation: Resource management segment could not be created or extended.

Response: A main store dump was initiated.

Words 2 to 9 of this SRC contain additional diagnostic information. Record SRC words 1 through 9.

Perform a system IPL and collect the Product activity log and main store dump and provide them along with the recorded SRC information to IBM Service Support.

The problem may also be that there is not enough auxiliary storage.

Failing Item:

- AJDG301

B6000801

Explanation: Invalid LID directory detected.

Response: During system IPL, the LIDMgr detected an I/O failure or media failure while trying to read the LID directory.

Failing Item:

- LICIP08
- FI00070
- FI00300
- AJDG301

B6000802

Explanation: LID directory unusable.

Response: During system IPL, the LIDMgr detected that the LID directory and associated Load Source is not usable.

Reinstall the Licensed Internal Code by using Utilities to install and restore IBM i Licensed Internal Code.

For more information, contact IBM Service Support.

Failing Item:

- AJDG301

B6000901

Explanation: The LinkLoader has found its bad flag ON.

Response: This reference code is usually the result of a system termination while the LinkLoader is performing its work.

Reinstall the Licensed Internal Code by using Utilities to install and restore IBM i Licensed Internal Code.

B6000902

Explanation: Unable to perform programmed IPL.

Response: The LinkLoader was not successful in performing a programmed IPL.

Perform a system IPL. If the problem persists, examine the main storage dump and determine the reason for the failure of the programmed IPL.

B6000903

Explanation: The LinkLoader was not able to allocate a segment.

Response: Perform the D mode IPL again. If the problem persists, there might be a memory problem. Contact your next level of support.

B6000904

Explanation: The LinkLoader was not able to load a critical LID.

Response: Perform the D mode IPL again. If the problem persists, contact your next level of support.

B6001001

Explanation: Enqueuing a task to the TDQ which is already enqueued on TDQ.

Failing Item:

- LICIP08
 - AJDG301
-

B6001103

Explanation: MISR not readable; must be readable for Normal Mode install.

Response: MISR is not readable. Perform a manual install to reinitialize the system.

B6001104

Explanation: Failure reading media or not install media.

Response: Determine that correct install media is loaded. If correct install media is installed, media could be corrupt. Obtain another copy of the install media and re-attempt the install. If the install still fails, contact your service representative.

B6001201

Explanation: Critical database segment could not be created.

Failing Item:

- LICIP08
 - AJDG301
-

B6001204

Explanation: Error in constraint enforcement.

Failing Item:

- LICIP08
 - AJDG301
-

B6001210

Explanation: Object not found in the in-use table.

Failing Item:

- LICIP08
- AJDG301

B6001215

Explanation: Error in critical code sequence.

Failing Item:

- LICIP08
 - AJDG301
-

B6001219

Explanation: A back leveled driver has been detected.

Failing Item:

- LICIP08
 - AJDG301
-

B6001604

Explanation: Not able to create APPN task.

Response: An error occurred during task creation which requires a power off of the system.

Failing Item:

- LICIP08
 - AJDG301
-

B6001724

Explanation: An attempt to create a segment failed.

Response: The create could fail for two reasons:

- A code problem. Perform the procedure indicated in the failing item list.
- No free auxiliary storage on the system. Add additional DASD if the create failed because no auxiliary storage was available.

Failing Item:

- LICIP08
 - AJDG301
-

B6001730

Explanation: An IPL is needed to restore system performance.

Response: Licensed Internal Code has detected a condition that is impacting system performance. System operation can continue, but system performance may be noticeably reduced until the next IPL.

Look at the Product Activity Log entry, and find the value at offset x'000180'. If the value equals x'00000122', the error was caused by too much processor memory being installed.

For more information, contact IBM Service Support.

Failing Item:

- UPLF1

B6003000

Explanation: LPAR service function directed a Main Storage Dump.

Response: Copy the current main storage dump to media. For more information on how to copy a Main Storage Dump, refer to Copying a main storage dump.

Failing Item:

- AJDG301

B60041FC

Explanation: Installation of LIC failed.

Response: Words 12 and 13 of this SRC contain additional diagnostic information.

Install LIC using physical media.

To determine what caused the failure, collect SRC information and contact your next level of support.

Failing Item:

- SVCDOCS

B60041FD

Explanation: Installation of LIC failed.

Response: A main store dump was initiated. Words 12 and 13 of this SRC contain additional diagnostic information.

To recover the partition using the previously installed LIC, perform a B-mode IPL. You can then re-try the installation of LIC. Otherwise, install LIC using physical media.

To determine what caused this failure, collect SRC information and main store dump and contact your next level of support.

Failing Item:

- SVCDOCS

B6004401

Explanation: Missing DASD units.

Response: Copy the current main storage dump to media.

For more information on how to perform a Main Storage Dump, refer to Copying a main storage dump.

B6004402

Explanation: Missing DASD units.

Response: Copy the current main storage dump to media. Then exit the Main Storage Dump Manager.

For more information on how to perform a Main Storage Dump, refer to Copying a main storage dump.

B6004403

Explanation: Storage Management failed to reach full paging.

Response: Copy the current main storage dump to media.

For more information on how to perform a Main Storage Dump, refer to Copying a main storage dump.

B6004404

Explanation: Auto copy failed or not attempted.

Response: Copy the current main storage dump. If copying to system ASP, existing copies may need to be deleted or renamed. Then exit the Main Storage Dump Manager.

For more information on how to perform a Main Storage Dump, refer to Copying a main storage dump.

B6004405

Explanation: System ASP threshold exceeded after auto copy done.

Response: Delete other system ASP copies or exit the Main Storage Dump Manager and then from DST copy the Auto Copy to media and then delete the Auto Copy in system ASP.

B6004420

Explanation: MSD Manager not configured to save dump information.

Response: The platform produced dump data, but the Main Storage Dump (MSD) Manager was not configured to automatically copy the dump to an Auxiliary Storage Pool (ASP). The dump will be lost if the system power is lost. Use MSD Manager to manually copy the current platform dump to media or an ASP.

B6004421

Explanation: Insufficient space in the ASP to store a platform dump.

Response: The platform produced dump data, and the Main Storage Dump (MSD) Manager was configured to automatically copy the dump to an Auxiliary Storage Pool (ASP), but there was not sufficient free space available in the ASP. The dump will be lost if the system power is lost. Manually copy the current platform dump from the platform by performing one of the following:

- Make room in the designated ASP and then use the MSD Manager to copy the current platform dump to ASP.

- Use the MSD Manager to delete other dump copies, then copy the current platform dump to ASP.
- Use the MSD Manager to copy the current platform dump to a different ASP.
- Use the MSD Manager to copy the current platform dump to media.

B6004422

Explanation: A platform dump is saved in MSD Manager.

Response: The platform produced dump data. The dump data was copied to the Main Storage Dump (MSD) Manager.

Failing Item:

- PLDUMP

B6004601

Explanation: Unspecified LIC error.

Problem determination: Report this problem to your next level of support.

Failing Item:

- SVCDOCS

B6004700

Explanation: Processor On Demand error detected.

Response: Processor on Demand Data Block key is not valid.

Replace the Processor Capacity card.

Failing Item:

- CTLPNCD

B6004701

Explanation: Processor On Demand error detected.

Response: Processor On Demand Data Block contains data that does not match the expected data.

Contact your service provider.

Failing Item:

- AJDG301

B6004703

Explanation: Processor On Demand error detected.

Response: Processor On Demand Serialization has failed during IPL.

Contact your service provider.

Failing Item:

- AJDG301

B6004710

Explanation: Processor On Demand error detected.

Response: SPCN communication failure during Processor On Demand.

Look in the Product Activity Log for other SPCN errors and perform the actions indicated for those errors.

Failing Item:

- SPNLCRD

B6004712

Explanation: Processor On Demand error detected.

Response: Correct any Processor Capacity card or SPCN failures.

Failing Item:

- CTLPNCD

B6004713

Explanation: Incorrect Processor Capacity Card installed.

Response: The Processor Capacity Card is the failing item since it has been swapped in from a different system.

Put the Processor Capacity Card back in the system it came from, and reinstall this system's original Processor Capacity Card.

Failing Item:

- CTLPNCD

B6004714

Explanation: The CUoD data is not present. A problem may exist.

Response: The Processor Capacity Card was changed and there may be a problem.

If the system did have any activated standby processors before the Processor Capacity Card was replaced, then new processor on demand activation codes must be obtained to restore the previous activations.

Contact your service provider.

B6004715

Explanation: Processor On Demand error detected.

Response: Correct any Processor Capacity card or SPCN failures.

Failing Item:

- CTLPNCD

B6004730 • B6005004

B6004730

Explanation: Processor On Demand error detected.

Response: Processor On Demand standby processors are in use.

Contact your service provider.

Failing Item:

- AJDG301

B6004731

Explanation: Processor On Demand error detected.

Response: The Processor On Demand Trial Activation period is not valid. Contact your next level of support.

Failing Item:

- AJDG301

B6004733

Explanation: Processor On Demand error detected.

Response: Contact your service provider.

Failing Item:

- AJDG301

B6004740

Explanation: Processor On Demand error detected.

Response: The Processor On Demand Activation code just entered is not valid.

Contact your next level of support.

Failing Item:

- AJDG301

B6004741

Explanation: Processor On Demand error detected.

Response: An invalid Processor On Demand Activation code has been entered more than 5 consecutive times. Contact your service provider.

Failing Item:

- AJDG301

B6004745

Explanation: Processor Capacity card replaced on activated POD system.

Response: Contact IBM Support to order a replacement Processor On Demand activation code.

B6004747

Explanation: 1 hour left in POD 14 day Trial Activation Period.

Response: If a new activation code was purchased, it should be entered now. Otherwise, the system will revert back to its previous activation state at the end of the Trial Activation Period.

B6005001

Explanation: DST received no response from a workstation controller.

Response: The workstation I/O processor for the system or partition console did not respond.

Failing Item:

- RTRIP01
- FI00380
- AJDG301

B6005002

Explanation: DST problem attempting to use the system console.

Response: A code problem occurred during an attempt to use the system console.

Failing Item:

- LICIP03
- AJDG301
- FI00380

B6005003

Explanation: Service program failed.

Response: The ASCII system console failed to respond.

Failing Item:

- FI00320
- FI00602
- USER
- AJDG301
- FI00380

B6005004

Explanation: DST console failed to respond.

Response: The system console failed to respond.

Failing Item:

- RTRIP02
- FI00320
- FI00602
- USER

- AJDG301
- FI00380

B6005005

Explanation: Service program failed.

Response: The workstation adapter system console failed to respond.

Failing Item:

- WSAIP01
- FI00320
- FI00602
- USER
- AJDG301
- FI00380

B6005007

Explanation: Service program failed.

Response: The workstation adapter console failed to respond.

Failing Item:

- RTRIP07
- FI00320
- FI00602
- USER
- AJDG301
- FI00380

B6005008

Explanation: DST console failed to respond. If an IPL did not find a console and if the console type is set to anything except a 1, the system will display code A6005008.

Response: If you just replaced the LAN adapter associated with Operations Console (LAN), you need to wait at least 35 minutes for the system to find and use the new LAN adapter. In this case, when the system is satisfied, it starts using the new adapter. The console should start, and the SRC is no longer shown.

If you are attempting to use a twinaxial console the only data relevant in this SRC is word 6. Use the information in the list below for the meaning of word 6 to determine the twinaxial failure. The first 4 characters of word 6 contains the last 4 characters of the original failure type. For example, if word 6 contained 50010001, the twinaxial-related SRC would be A6005001 and the console type is set to use a twinaxial console. Refer to that SRC. Word 6 in the form of xxxx yy zz means the following:

- xxxx where:

- The twinaxial-related SRC is represented by the first 4 characters.

- yy where:

- 0A = No console tagged

- zz where:

- 00 = Not defined by user (old default value)

- 01 = Twinaxial

- 02 = Operations Console (Direct) (obsolete)

- 03 = Operations Console (LAN)

- 04 = Hardware Management Console (HMC) or Thin Console

If you are attempting to use Operations Console, the local console on a network uses words 3, 4, and 5. Use words 3 through 5 to select the appropriate section in the following list.

1. Word 3 is "1": No supported HW detected or HW detected is not expected (for example, you replaced the LAN IOA so the serial number is different) In some cases the serial number of the expected adapter may be shown in word 5.

2. Word 3 is "2": The LAN IOA failed to report.

3. Word 3 is "3": Hardware error. Common error codes in word 4:

- 53001A80 and 53002AC0: Network, cable or the LAN adapter may not be operational. Word 5 may contain the card position or serial number of the adapter.

- 00000000: This error code indicates the adapter reported but has not been initialized yet. This is not considered an error, at this time. The adapter should be activated shortly. Word 5 may contain the card position or serial number of the adapter.

- CC10031A: Adapter was activated but did not reach LinkUp state. The card was given more than a minute to link up to its partner (probably a switch) and it didn't do so. Likely conditions:

- The cable is unplugged on one end or the other, or is defective.

- The switch port is not operational.

Once this error code is received, the problem will not resolve itself until something restarts the device driver. Word 5 may contain the card position or serial number of the adapter.

- For other error codes contact your service provider. Word 5 may contain the card position or serial number of the adapter.

4. Word 3 is "4": BOOTP status: Word 4 contains the number of attempts. If attempts are zero, then BOOTP is ready, when called. If attempts have a value, then the PC did not respond. Word 5 may contain the card position or serial number of the adapter.

5. Word 3 is "5": The system's LAN connection is active but the PC failed to connect. Are the PC and

B6005010 • B6005094

system on the same network and using the same protocol? Can the PC ping the system? (ping serverhostname). Word 4 contains the IP address. Word 5 may contain the card position or serial number of the adapter.

Problem determination: Look at words 3-8 on the console. If words 3-5 are non-zero the failing item is most likely an ASYNC card. If words 6-8 are non-zero the failing item is most likely a LAN card.

Word 7 meanings for the failure identified:

- 1 Async card not detected.
- 2 No cables detected. Word 8 is the Card position. Word 9 is the card type.
- 3 Wrong cable detected. Word 8 is the card position. Word 9 is the cable ID.
- 4 Port in use. Word 8 is the card position. Word 9 is the card type.
- FA Not configured for direct cable

Note: It is expected that a D-mode IPL with a new load source direct access storage device (DASD) will show the console type value of 00. Examples of when this can occur might be that the copy of data from a failing DASD did not copy all data or you are installing a new logical partition. Also, there are times when the DASD is late reporting and the console type value was not retrieved in time. In these cases you can use the console service function to set a console type value or attempt to contact the console again.

Failing Item:

- OPCIP03
- FI00719

B6005010

Explanation: IPL service function ended abnormally.

Failing Item:

- LICIP04
- AJDG301

B6005014

Explanation: DST status. The Storage Management Dual Path Information Screen option to dump data to a PAL has completed successfully.

B6005015

Explanation: DST error. An error has occurred gathering data for the Storage Management Dual Path Information Screen option to dump data to a PAL. Contact your next level of support or hardware service provider.

Failing Item:

- NEXTLVL

B6005082

Explanation: DST lost contact with the console.

Response: A service program lost contact with the system console.

Failing Item:

- RTRIP03
- AJDG301
- USER

B6005083

Explanation: IPL service function ended abnormally.

Response: A service program lost contact with the system console.

Failing Item:

- TWSIP01
- AJDG301
- USER

B6005090

Explanation: System startup failed in unattended IPL mode.

Response: Perform the following:

- If reference code A6xx5090 is displayed on the control panel for more than 10 minutes, perform the procedure indicated in the failing item list.
- For reference code B6xx5090, perform the procedure indicated in the failing item list.

Failing Item:

- LICIP11
- FI00580
- FI00500
- FI00301
- FI00021
- FI00065
- AJDG301

B6005092

Explanation: System is in DASD migration mode.

Response: Install Licensed Internal Code and Upgrade Load Source was specified but the key is not in the manual position. Change the key position to manual and perform a system IPL.

B6005094

Explanation: IASP detected a failure during the vary on operation.

Failing Item:

- LICIP12

B60050FF

Explanation: DST unrecoverable program error.

Failing Item:

- LICIP03
- AJDG301
- FI00380

B6005120

Explanation: System LIC detected a program exception.

Response: System LIC detected a programming problem. If performance or other system degradation is occurring, the system may be operating with reduced resources.

Check the Product activity log for related entries. If this reference code is logged with an error class of Informational, then no action is required.

Otherwise, perform the procedure indicated in the failing item list.

Failing Item:

- LICIP01
- AJDG301
- FI00130

B6005121

Explanation: LIC program exception occurred.

Response: System LIC detected a programming problem for which a main storage dump may have been initiated. Collect the dump if available.

A problem log entry may be generated for this refcode.

Failing Item:

- LICIP01
- AJDG301

B6005122

Explanation: LIC program exception occurred.

Response: System LIC detected an IOP programming problem for which an IOP dump may have been initiated.

Failing Item:

- LICIP01
- FI00130
- AJDG301
- FI00131

B6005123

Explanation: LIC program exception occurred.

Response: System LIC detected an interface problem with the IOP or an IOP programming problem for which an IOP and main storage dump may have been initiated.

Failing Item:

- LICIP01
- FI00130
- AJDG301
- FI00131

B6005124

Explanation: LIC program exception occurred.

Response: System LIC detected a programming problem for which a main storage dump may have been initiated. Collect the dump if available.

Collect the Product Activity Log entry for this and send it to your next level of support. A problem log entry may be generated for this refcode.

Failing Item:

- AJDG301

B6005126

Explanation: Addressed device failed to respond to selection.

Failing Item:

- DISKDRV
- STORIOA
- DISKTRY
- FI01106
- FI01140
- FI01141
- DEVTERM
- BACKPLN

B6005127

Explanation: IOP timed out a disk command.

Failing Item:

- DISKDRV
- STORIOA
- FI01106
- DISKTRY
- FI01140
- FI01141
- DEVTERM
- BACKPLN

B6005128

Explanation: I/O processor failure.

Failing Item:

- FI01112
- FI01107

B600512D

Explanation: An IOP dump was initiated.

Response: Copy the IOP dump entry and any related entries from the Product Activity Log to suitable media, and give to an IBM service representative.

B600512E

Explanation: LIC program exception occurred.

Response: The system was in a D IPL mode when the problem was detected. A main storage dump was not taken.

Failing Item:

- LICIP01
- AJDG301
- FI00130

B6005130

Explanation: PAL logging burst detected. No service is required. Some duplicate event logs were filtered to prevent overflowing the logging queue and to limit PAL wrapping.

B6005131

Explanation: PAL logging statistical entry. No service is required.

B6005132

Explanation: PAL logging statistical entry. No service is required.

B6005133

Explanation: PAL receive of logs from Platform LIC detected a burst of duplicates. No service is required. Some duplicate event logs were filtered to prevent overflowing the logging queue and to limit PAL wrapping.

B6005134

Explanation: PAL logging statistical entry. No service is required.

B6005135

Explanation: PAL logging statistical entry. No service is required.

B6005136

Explanation: System LIC detected a program exception.

Response: System LIC detected a programming problem. If the Product Activity Log (PAL) is still functioning check the PAL for related entries. Collect LIC logs for major code 1800.

Failing Item:

- AJDG301

B6005137

Explanation: System LIC detected a program exception.

Response: System LIC detected a programming problem. If the Product Activity Log (PAL) is still functioning check the PAL for related entries. Collect LIC logs for major code 1800.

Failing Item:

- AJDG301

B6005138

Explanation: System LIC detected a program exception.

Response: System LIC detected a programming problem. If the Product Activity Log (PAL) is still functioning check the PAL for related entries. Collect LIC logs for major code 1800.

Failing Item:

- AJDG301

B6005140

Explanation: Unexpected LIC exception.

Response: Collect VLOGs for major codes 1800 and 4A00.

B6005141

Explanation: Unexpected LIC exception.

Response: Collect VLOGs for major codes 1800 and 4A00.

B6005192

Explanation: Insufficient entitled memory for the I/O configuration.

Response: Use the hardware management console to increase the entitled memory capacity of the partition and restart the I/O adapter. To restart a storage I/O adapter, use Hardware Service Manager to re-IPL the virtual I/O processor that is associated with this I/O adapter. To restart a communications I/O adapter, vary the line off and vary it on using the vary configuration (VRYCFG) command.

Failing Item:

- SVCDOCS
-

B6005193

Explanation: Virtual adapter not supported in a shared memory partition.

Response: Use the hardware management console to remove the virtual adapter from the partition.

Failing Item:

- SVCDOCS
-

B6005194

Explanation: Insufficient entitled memory for the I/O configuration.

Response: Use the hardware management console to increase the entitled memory capacity of the partition and restart the partition.

Failing Item:

- SVCDOCS
-

B6005206

Explanation: System LIC detected a missing IOP LIC code load.

Response: System LIC detected a missing IOP LIC code load during IPL of the IOP. This indicates that either the IOP code load is not installed on the system Load Source device or that system LIC was unable to successfully read that load from the Load Source device.

Failing Item:

- LICIP01
 - USER
-

B6005209

Explanation: System LIC detected an IOP timeout during IOP IPL.

Response: Verify that all IOP cable connections are secure, and check tape and other non-disk devices and

media to verify that they are in a ready state.

Failing Item:

- LICIP01
 - USER
 - FI00130
 - AJDG301
-

B6005219

Explanation: LIC program exception occurred.

Response: An IOP signaled to system LIC that it had entered a critical internal state. LIC automatically attempted to restart the IOP.

This reference code is logged for information only. No action is required.

If this reference code appears in a serviceable event view then service is required, work the failing items list. Otherwise this event can be ignored.

Failing Item:

- FI00310
 - FI00318
 - FI00065
 - FI00130
 - AJDG301
-

B6005275

Explanation: The system issued a reset/reload to the IOP.

Response: System Licensed Internal Code detected that an IOP Reset/Reload has occurred, and that the IOP successfully recovered.

Users who were signed on to a Workstation device under the IOP will need to sign back on. Any LAN/WAN communications lines under the IOP will need to be restarted. Tape/Optical devices under the IOP may need to be varied back on.

To determine the cause of the IOP Reset/Reload, check the Product Activity Log for additional entries logged with the same System Log ID, and perform any actions indicated for those errors.

B6005276

Explanation: IOP Reset was issued.

Response: LIC has detected a problem with the Service Processor IOP and has reset it but has not initiated reload of the Service Processor.

If the Load Source is mirrored, some system operations may be able to continue normally. However, some system service operations have been suspended and the system should be scheduled for power down as soon as possible.

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Failing Item:

- RTRIP08
- AJGLD01
- AJDG301
- FI00021

B6005310

Explanation: LIC program exception occurred.

Response: System LIC detected a logical partition configuration data consistency error. Copy the Product Activity Log data for this error and any related entries and contact your next level of hardware service support.

Failing Item:

- LPARSUP

B6005311

Explanation: LIC program exception occurred.

Response: LPAR configuration data does not match current system configuration. The system will not IPL past DST until the problem is corrected.

Following is a list of problems which may have caused this SRC to be reported:

- Non-configured disk unit which was previously a load source on a partitioned system.
- Load Source configuration data does not match partition for which it is being used.
- Load Source configuration data does not match system serial number for which it is being used.
- Load Source configuration data is newer than primary partition configuration data.

Failing Item:

- LPRIP01
- LPARSUP

B6005312

Explanation: LIC program exception occurred.

Response: LPAR configuration data informational error.

The LPAR configuration data was found to be in error or inconsistent on a secondary partition's Load Source. The data was automatically updated to the current system level.

B6005313

Explanation: LIC program exception occurred.

Response: LPAR configuration data informational error.

The LPAR configuration data was found to be

inconsistent on a primary partition and could only be corrected with an older copy of the data.

Failing Item:

- LPARCFG

B6005340

Explanation: Secondary partition not running at optimum.

Response: Check the Primary partition's Product Activity Log for system processor entries from approximately the same time. Perform the actions indicated for those entries.

B6005341

Explanation: Secondary partition not running at optimum.

Response: Check the primary partition Product Activity Log for system memory entries from approximately the same time. Perform the actions indicated for those entries.

B6005342

Explanation: Secondary partition not running at optimum.

Response: Check the Primary partition's Product Activity Log for system processor entries from approximately the same time. Perform the actions indicated for those entries.

B6005343

Explanation: Secondary partition not running at optimum.

Response: Check the Primary partition's Product Activity Log for system memory errors from approximately the same time. Perform the actions indicated for those entries.

B6005344

Explanation: Secondary partition not running at optimum.

Response: The interactive performance specified in the configuration data for this partition could not be met.

Contact your next level of support.

Failing Item:

- LPARSUP
-

B6005350

Explanation: Secondary partition software release not supported.

Response: The logical partition software version is outside the supported release delta.

Check the Release Delta from the Primary partition "Display Partition Release Level" screen.

Check the LPAR documentation for the release level of the Primary partition and determine what the supported Release Delta is.

B6005380

Explanation: LIC program exception occurred.

Response: Record the Product Activity Log (PAL) hex data for this SRC or print the PAL entry.

Contact your next level of support.

Failing Item:

- LPARSUP
-

B6005390

Explanation: LIC program exception occurred.

Response: Record the Product Activity Log (PAL) hex data for this SRC or print the PAL entry.

Contact your next level of support.

Failing Item:

- LPARSUP
-

B6005505

Explanation: The copying of DASD log data to the IOP log was successful.

Response: IOP log data can be copied to a spool file for examination by the development lab.

B6005555

Explanation: SLIC I/O DASD subsystem error recovery in progress.

B6005600

Explanation: Unrecoverable read error.

Response: VPD data could not be read.

Look for other errors implicating hardware. There is no way to know what VPD read has failed, but the resource is not usable and should generate an error.

If no such error occurred, call your next level of support.

Failing Item:

- SVCDOCS
-

B6006900

Explanation: System bus error.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL
-

B6006901

Explanation: Bus Expansion Adapter card failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL
-

B6006902

Explanation: Bus Expansion Adapter card failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL
-

B6006905

Explanation: Optical bus failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL
-

B6006906

Explanation: High Speed Link (HSL) or PCI bridge card slot I/O bridge failure.

Response: LIC could not access part of the HSL I/O bridge VPD. The bridge and HSL loop may be prevented from becoming operational.

For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event viewer you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log (SAL) or serviceable event view on the hardware management console is available then use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available then use the failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

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NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

Failing Item:

- SIIOADP
- OPT_CLN

B6006907

Explanation: High Speed Link (HSL) or PCI bridge card slot I/O bridge failure.

Response: LIC detected invalid data in the HSL I/O bridge VPD. The bridge and HSL loop may not have become operational.

For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event view you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log (SAL) or serviceable event view on the hardware management console, is available then use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available then use the failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

Failing Item:

- SIIOADP
- OPT_CLN

B6006908

Explanation: High Speed Link (HSL) or PCI bridge card slot I/O bridge failure.

Response: LIC data in the I/O bus VPD could not be accessed. The I/O Bus identified in the SRC may not have become operational.

If there is a B6xx 6906 reference code, close this problem in the serviceable event view you are working with and work the 6906 error.

For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event view you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log or serviceable event view on the hardware management console or service processor is available then use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available then use the

failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

Failing Item:

- SIIOADP
- OPT_CLN

B6006909

Explanation: High Speed Link (HSL) or PCI bridge card slot I/O bridge failure.

Response: LIC detected invalid data in the I/O bus VPD. The bus and resources associated with it may not be operational.

For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event view you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log (SAL) or serviceable event viewer on the hardware management console is available then use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available then use the failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

If the serviceable event view only indicated a frame or enclosure see the locations section for the frame or enclosure type. The location of the HSL I/O Bridge will be given in the locations tables.

NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

Failing Item:

- SIIOADP
- OPT_CLN

B600690A

Explanation: Associated adapter not found in this partition.

Failing Item:

- LICIP16

B600690B

Explanation: Load Source IOP did not come up to operational status. The IPL is terminated.

The IPL of the IOP where the Load Source is has failed. The IOP cannot be used.

Problem determination: Contact your next level of support to determine what the problem is.

To work around this problem move the Load Source to another adapter.

- If the Load Source is on a physical adapter and the server has multiple LPARs, use the LPAR's definition in the hardware management console to determine the location of the physical adapter where the Load Source is. Look for other errors that indicate problems with hardware in the path to the Load Source.
- If the Load Source is on a virtual adapter, then this could be a problem with the virtual adapter. Work with the configuration of the Virtual I/O Server to use a different path to the Load Source.
- If the server does not have multiple LPARs then work with the customer to determine the location of the Load Source adapter if you believe it is not in the first bus in the server unit. Look for other errors that indicate problems with hardware in the path to the Load Source.

Failing Item:

- SVCDOCS

B600690C

Explanation: Load Source bus failed to IPL. The IPL is terminated.

The IPL of the PCI bus where the Load Source IOP/IOA is has failed. The PCI bus cannot be used.

Response: Look for other problems in the path of the Load Source.

Problem determination: Contact your next level of support to determine what the problem is.

To work around this problem move the Load Source IOP/IOA to another PCI bus.

- If the Load Source is on a physical adapter and the server has multiple LPARs, use the LPAR's definition in the hardware management console to determine the location of the physical adapter where the Load Source is. Look for other errors that indicate problems with hardware in the path to the Load Source.
- If the Load Source is on a virtual adapter, then this could be a problem with the virtual adapter. Work with the configuration of the Virtual I/O Server to use a different path to the Load Source.
- If the server does not have multiple LPARs then work with the customer to determine the location of the Load Source adapter if you believe it is not in the first bus in the server unit. Look for other errors that indicate problems with hardware in the path to the Load Source.

Failing Item:

- SVCDOCS

B600690D

Explanation: IPL to the point where the Load Source adapter is configured has failed. The IPL is terminated.

The IPL and configuration of the LIC managing the resources on the Load Source path failed. The Load Source path cannot be used.

Response: Look for other errors that indicate problems with hardware in the path to the Load Source.

Problem determination: Contact your next level of support to determine what the problem is.

To work around this problem move the Load Source to another adapter.

Either the LIC or the adapter is failing.

- If the Load Source is on a physical adapter and the server has multiple LPARs, use the LPAR's definition in the hardware management console to determine the location of the physical adapter where the Load Source is.
- If the Load Source is on a virtual adapter, then this could be a problem with the virtual adapter. Work with the configuration of the Virtual I/O Server to use a different path to the Load Source.
- If the server does not have multiple LPARs then work with the customer to determine the location of the Load Source adapter if you believe it is not in the first bus in the server unit.

Failing Item:

- SVCDOCS

B6006910

Explanation: I/O processor failure.

Response: An I/O processor timed out, returned bad status, or is not following the system bus protocol.

Failing Item:

- LICIP07
- FI00310
- FI00318
- FI00065
- FI00130
- AJDG301

B6006938

Explanation: Not valid system configuration detected.

Response: This system model does not allow a configuration of more than three (non-OptiConnect) I/O Processors.

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Power down the system and remove the extra (non-OptiConnect) I/O Processor(s) so that there are three or less. Restart the system.

B6006944

Explanation: Missing or failed I/O processor cards.

Response: A system bus appears to be empty. If the bus is not empty, two I/O processors in consecutive slots may be missing or broken. If there are broken I/O processors, then another more serious SRC has occurred. Otherwise find the bus number for this failure from the Product activity log and use the system configuration list to verify the configuration of the I/O processors on that bus.

Failing Item:

- FI00317
- FI00316
- AJDG301

B6006960

Explanation: Multi-adapter Bridge or PCI Bridge card slot error, do not use card slot.

Response: Slot unavailable due to 64 bit card in adjacent slot.

One of the messages documented with the symbolic FRU will describe the problem. See SLOTERR symbolic FRU for a list of messages and corrective actions.

Failing Item:

- SLOTERR

B6006961

Explanation: Multi-adapter Bridge or PCI Bridge card slot error, do not use card slot.

Response: LED control failure, do not use slot.

The card location is not available for use. The Failing Item with the card slot error is in the Failing Item list for this reference code.

See SLOTERR symbolic FRU for the list of messages and a further description of the problem detected by Licensed Internal Code.

For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event view you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log or a serviceable event viewer on the hardware management console is available for this problem then use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available then use the failing item list documented here. By following the

procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

Failing Item:

- SLOTERR
- MASBUS

B6006962

Explanation: Multi-adapter Bridge or PCI Bridge card slot error, do not use card slot.

Response: Power control failure, do not use slot.

If there is a Linux partition in the system, any IOPs plugged into slots owned by a Linux partition will not power on. This error will be logged. Correct the situation by removing the IOP cards.

The card location is not available for use. The Failing Item with the card slot error is in the Failing Item list for this reference code.

See SLOTERR symbolic FRU for the list of messages and a further description of the problem detected by Licensed Internal Code.

For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event view you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log, or serviceable event view on the hardware management console is available then use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available then use the failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

Failing Item:

- SLOTERR
- MASBUS

B6006963

Explanation: Multi-adapter Bridge or PCI Bridge card slot error, do not use card slot.

Response: Power control failure, do not use slot.

The card location is not available for use. The Failing Item with the card slot error is in the Failing Item list for this reference code.

See SLOTERR symbolic FRU for the list of messages and a further description of the problem detected by Licensed Internal Code.

For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event

viewer you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log or serviceable event viewer on the hardware management console is available then use the failing item list presented there for servicing this reference code.

If serviceable event view is not available then use the failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

Failing Item:

- SLOTERR
- MASBUS

B6006964

Explanation: Multi-adapter Bridge or PCI Bridge configuration change or error.

Response: One of several errors or configuration problems has occurred under a Multi-adapter Bridge or PCI Bridge. If you are using the Service Action Log (SAL), or the serviceable event viewer on the hardware management console or the service processor, then the correct FRU, description and card position(s) will be listed. Use the FRUs and descriptions in the serviceable event view you are working with to determine the problem.

If you do not have access to the Service Action Log, or serviceable event view on the hardware management console or service processor, then word 4 of the SRC has more information. Examine the last 4 digits in word 4 to determine the problem by comparing them to the list below and using the FRU(s) listed here.

1. xxxx2022 - IOP found in slots owned by a Linux partition. The Multi-adapter Bridge or PCI Bridge and PCI Bridge set that it controls are assigned to a Linux partition. The IOP found in the SLOT indicated by the DSA in word 7 will not be configured.
2. xxxx2014 - I/O adapters were found under the Multi-adapter Bridge or PCI Bridge but there is no IOP to support them. The adapters cannot be used.
3. xxxx2015 - An card type was found that cannot be supported in the card position where it is located.

See MABRCFG symbolic FRU for the list of messages, a further description of the problem detected by Licensed Internal Code and the corrective action.

Failing Item:

- MABRCFG

B6006965

Explanation: Multi-adapter Bridge or PCI Bridge configuration change or error.

Response: Card type not supported in this slot.

An I/O processor or I/O adapter card type is installed in the location indicated in word 7 of the SRC. The card type is not supported in that slot under the Multi-adapter Bridge or PCI Bridge. The card is unavailable.

See MABRCFG symbolic FRU for the list of messages, a further description of the problem detected by Licensed Internal Code and the corrective action.

Failing Item:

- MABRCFG

B6006966

Explanation: Multi-adapter Bridge or PCI Bridge configuration change or error.

Response: I/O processor removed from Multi-adapter Bridge or PCI Bridge card slot.

On the previous IPL an I/O processor was in the card location specified in word 7 of the SRC. The I/O processor was not detected on this IPL.

See MABRCFG symbolic FRU for the list of messages, a further description of the problem detected by Licensed Internal Code and the corrective action.

Failing Item:

- MABRCFG

B6006967

Explanation: Multi-adapter Bridge or PCI Bridge configuration change or error.

Response: I/O adapter unavailable due to moved I/O processor card.

The I/O adapter specified in word 7 of the SRC is not available. On the previous IPL there was an I/O processor card the adapter was assigned to. The I/O processor was not detected on this IPL.

See MABRCFG symbolic FRU for the list of messages, a further description of the problem detected by Licensed Internal Code and the corrective action.

Failing Item:

- MABRCFG

B6006968

Explanation: Multi-adapter Bridge or PCI Bridge configuration change or error.

Response: IOA removed from Multi-adapter Bridge or PCI Bridge slot.

B6006969 • B6006971

On the previous IPL an I/O adapter was in the card slot specified in word 7 of the SRC. That I/O adapter was not detected on this IPL.

See MABRCFG symbolic FRU for the list of messages, a further description of the problem detected by Licensed Internal Code and the corrective action.

Failing Item:

- MABRCFG

B6006969

Explanation: Multi-adapter Bridge or PCI Bridge configuration change or error.

Response: I/O adapter replaced by I/O processor card.

On the previous IPL there was an I/O adapter in the location specified in word 7 of the SRC. This IPL LIC detected that the IOA was replaced by an IOP in that location.

See MABRCFG symbolic FRU for the list of messages, a further description of the problem detected by Licensed Internal Code and the corrective action.

Failing Item:

- MABRCFG

B600696A

Explanation: Card slot test failed.

Failing Item:

- LICIP14
- FI00131
- BACKPLN

B600696B

Explanation: Card slot could not be validated.

Response: This can be caused by "PCI error injection policy" being set to "YES" and an I/O Processor being installed on the same Multi-adapter Bridge or PCI Bridge domain as the I/O Adapter. Do one of the following. Either:

-- Using the hardware management console or a customer PC with a Web browser access the Advanced System Management Interface (ASMI) and disable PCI error injection policy.

OR:

-- Vary off the I/O Adapter. Using Hardware Service manager in SST/DST, locate the I/O Adapter resource. Using concurrent maintenance on the associated packaging resource, remove the I/O Adapter and install it in a location that does not have I/O Processors on the same Multi-adapter bridge domain.

OR:

-- Vary off the I/O Adapter. Use the concurrent maintenance option in Hardware Service Manager in SST/DST to power off all I/O Processors located on the same Multi-adapter Bridge or PCI Bridge domain as the I/O Adapter. Use concurrent maintenance to power off and power on the I/O Adapter. Then use concurrent maintenance to power on the I/O Processors located on the same Multi-adapter Bridge or PCI Bridge domain as the I/O Adapter.

B6006970

Explanation: High Speed Link (HSL) or PCI bridge card slot resource failure.

Response: A system PCI bus failure was detected. Word 7 of the SRC contains the bus number.

This failure can occur when a tower in an HSL loop is powered off using concurrent maintenance. If this is the case, close this problem.

This error is most likely in the hardware that makes up the PCI bus, the PCI bus side of the HSL I/O bridge or the Multi-adapter Bridge or PCI Bridge. In some cases it may be caused by a failing IOP in the Multi-adapter Bridge or PCI Bridge domain. When an IOP is causing the problem, the failing IOP cannot be identified.

NOTE: This SRC can occur for the PCI bus resource on a PCI bus in an I/O expansion unit when the unit is powered off for a concurrent maintenance action.

If the Service Action Log, or serviceable event view on the hardware management console or service processor, is available then use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available then use the failing item list documented here.

NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

Failing Item:

- SI_PHB
- PRI_PCI
- MA_BRDG
- MABIP03
- BRDGSET
- OPT_CLN

B6006971

Explanation: High Speed Link (HSL) or PCI bridge card slot resource failure.

Response: A failure occurred in a Multi-adapter Bridge or PCI Bridge or on the bus to the card location it controls.

If a serviceable event view is available, use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available, use the failing item list documented here.

Failing Item:

- MABIP02
- MA_BRDG
- MASBUS
- PIOCARD

B6006972

Explanation: High Speed Link (HSL) or PCI bridge card slot resource failure.

Response: Multi-adapter Bridge (MaB) or PCI Bridge failure detected.

For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event viewer you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log (SAL) or serviceable event viewer on the hardware management console is available then use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available then use the failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

Failing Item:

- MA_BRDG

B6006973

Explanation: High Speed Link (HSL) or PCI bridge card slot resource failure.

Response: Multi-adapter Bridge or PCI Bridge has detected a problem in the card installed in the location specified in word 7 of the SRC. Use the FRU list in the Service Action Log (SAL), or serviceable event view you are working with. If you are working from this document's FRU list use the Symbolic FRU BRDGSET to determine the failing items.

Failing Item:

- BRDGSET
- SIOADP
- MA_BRDG

B6006974

Explanation: Multi-adapter Bridge or PCI Bridge configuration change or error.

Response: PCI I/O processor rejected the assignment of or the removal of an I/O adapter.

Failing Item:

- MABRCFG

B6006975

Explanation: The system issued a reset/reload to the service processor.

Response: Service processor error.

Failing Item:

- AJDGP01

B6006976

Explanation: Service processor failure.

Response: For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event view you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log (SAL) or a serviceable event viewer on the hardware management console is available then use the failing item list presented there for servicing this reference code.

If a serviceable event viewer is not available then use the failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

Failing Item:

- SVCPROC

B6006980

Explanation: Network Interface Controller / IO Hub failure.

Response: For Power5 and newer servers, service this error using the B7006980 service information. Otherwise, continue with this information.

The FRU list displayed in the Service Action Log (SAL) or serviceable event view you are working with, may vary from the failing item list given in this document. Use the FRU list in the serviceable event view if it is available to you.

NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

Failing Item:

- SICNTRL
- OPT_CLN

B6006981

Explanation: High Speed Link (HSL) or PCI bridge card slot I/O bridge failure.

Response: For Power5 and newer servers, service this error using the B7006981 service information. Otherwise, continue with this information.

Cycle power on the frame identified as the frame with failed HSL I/O Bridge prior to replacing FRUs.

The FRU list displayed in the Service Action Log (SAL), or serviceable event view you are using, may vary from the failing item list given in this document. Use the FRU list in the serviceable event view if it is available to you.

If you find either a B6xx 6982 or B6xx 6984 SRC logged at approximately the same time as this SRC then they were caused by the same failure. If you find a 6982 SRC logged at approximately the same time then close this problem and service the 6982 SRC. The failing item listed for this SRC is one of the failing items listed for B6xx 6982. If the serviceable event view's entry for this SRC has a location listed then record the location for use in servicing the 6982 SRC.

NOTE: This SRC can occur for the HSL I/O Bridge resource in an I/O expansion unit when the unit is powered off for a concurrent maintenance action.

NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

Failing Item:

- SIOADP
- OPT_CLN

B6006982

Explanation: High Speed Link (HSL) connection failure.

Response: For Power5 and newer servers, service this error using the B7006982 service information. Otherwise, continue with this information.

If this SRC is not in the Service Action Log (SAL) or serviceable event view you are using, then it is informational or statistical only. It does not require a service action.

Otherwise, this is a connection failure on an HSL link. Perform the procedure indicated in the failing item list.

Failing Item:

- RIOIP09
- HSL_LNK
- SIOADP
- SICNTRL
- REM_NIC
- OPT_CLN

B6006983

Explanation: A High Speed Link (HSL) / RIO / 12X loop configuration event was detected. The loop may have an unsupported configuration or a configuration that is not valid or the loop is in a state that LIC is logging for potential future reference.

Problem determination: LIC is reporting an event about the state of a RIO / HSL / 12X loop. Word 4 of the SRC contains the program return code (PRC) which identifies the state or problem with the loop.

For Power5 and newer servers, if this event appears in a serviceable event view then a service action is required. This SRC may also be logged as informational when it is recording information about the loop that is not a problem for the LPAR.

If this event does not appear in a serviceable event view then no service is required. To determine what the event meaning is record the PRC in word 4 of the SRC then use symbolic FRU SIRGCFG. This completes the procedure.

If this event appears in a serviceable event view then search for a B7006983 serviceable event logged at about the same time.

Did you find a B7006983 serviceable event logged at about the same time in the LPAR?

- YES - Service this error by working the B7006983 error.
- NO - Continue working this SRC. If you are using the Service Action Log (SAL) the FRU description may already indicate the configuration problem. Otherwise record the PRC in word 4 of the SRC. Use symbolic FRU SIRGCFG to determine the problem.

Failing Item:

- SIRGCFG

B6006984

Explanation: High Speed Link (HSL) loop status message.

Response: For Power5 and newer servers, service this error using the B7006984 service information. Otherwise, continue with this information.

An HSL loop has switched to its alternate path. This is an informational SRC only.

Word 7 of the SRC contains the loop number in the leftmost 4 digits. The loop number is in hexadecimal format. You must convert the hexadecimal loop number into decimal format to recognize the loop number in HSM.

This SRC can be caused by a tower on the HSL loop powering off.

This SRC may also appear in the Service Action Log (SAL), or serviceable event viewer you are using, with

a B6xx 6982 or B6xx 6981 logged at approximately the same time. In that case the other SRC is reporting a failure and this SRC is reporting that the alternate HSL path is now being used. Service the other SRC if present.

B6006985

Explanation: High Speed Link (HSL) loop status message.

Response: For Power5 and newer servers, service this error using the B7006985 service information. Otherwise, continue with this information.

If this SRC is not in the Service Action Log (SAL), or serviceable event view you are using, then it is informational. Use FRU SIRSTAT to determine what this SRC means. Otherwise, continue with the following steps:

This error can appear as a serviceable event when a tower, or I/O unit or another system in the loop did not complete powering on before LIC on this system checked this loop for errors. Search the Product Activity Log (PAL) for the last B6xx 6985 SRC logged for this loop and use FRU SIRSTAT to determine if this error requires service. If the last entry indicates the loop is functioning (determined by FRU SIRSTAT) then no service action is required, close this problem

There may be multiple B6xx 6985 logs with xxxx 3205 in word 4 errors for the same loop resource in the serviceable event view. This is caused by retry and recovery attempts. If there is a B6xx 6985 with xxxx 3206 or xxxx 3208 in word 4 after the above B6xx 6985 entries in the PAL, then the recovery efforts were successful. If this is the case, close all the B6xx 6985 entries for that loop resource in the serviceable event view.

1. If you find a B6xx 6981 in the serviceable event view then close that problem and go to step 2. Otherwise perform the following:
 - Perform RIOIP06 to determine if any other systems are connected to this loop and return here. (HSL_LNK or HSLxxxx FRU in the Service Action Log (SAL) entry, or serviceable event view you are working with, indicates the loop number.) If there are other system(s) then continue with the steps that follow, otherwise go to step 2.
 - Check for HSL failures on the other system(s) before replacing parts. HSL failures are serviceable event entries with HSL I/O Bridge and Network Interface Controller (NIC) resources. Ignore B6xx 6982 and B6xx 6984 entries. If there are HSL failures on other system(s) then continue with the steps that follow, otherwise go to step 2.
 - Repair the problems on the other systems and return to this step. After making repairs on the other system(s) check the Product Activity Log

(PAL) of this system for a B6xx 6985 logged after the repairs you made on the other system(s). If you find one then continue with the steps that follow, otherwise go to step 2.

- For the B6xx 6985 log you found, use FRU SIRSTAT to determine if the loop is now complete. If the loop is complete then this problem has been resolved. Use RIOIP01 to verify that the loop is now working properly. Otherwise, go to step 2.
2. Use the serviceable event's FRU list when it is available. If this SRC appears in the Service Action Log (SAL), or the serviceable event view you are using, with the Symbolic FRU HSL_LNK or HSLxxxx listed as a FRU, then perform problem isolation procedure RIOIP01. Otherwise exchange the FRUs listed in the serviceable event view.

NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

Failing Item:

- SIRSTAT
- HSL_LNK
- SIIOADP
- SICNTRL
- OPT_CLN

B6006986

Explanation: System bus error.

Response: For Power5 and newer servers, service this error using the B7006986 service information. Otherwise, continue with this information.

During IPL, system LIC detected an HSL I/O bridge that was already initialized. The bridge should have been in a flushed and uninitialized state after powering on. There is a problem with SPCN components that prevented the tower from powering off after a previous power off was issued. The tower will not be configured for this IPL.

This reference code is equivalent to 1xxx 90F0. When referring to the "CBLALL" symbolic FRU in the Failing Item list, perform the "CBLALL" procedure using reference code "90F0".

Word 5 of the SRC identifies the frame. Determine the frame by breaking down word 5:

Word 5 -> xxxx xxNN where: NN is the frame number in hexadecimal format.

Failing Item:

- TWRCARD
 - CBLALL
-

B6006987

Explanation: High Speed Link (HSL) connection failure.

Response: For Power5 and newer servers, service this error using the B7006987 service information. Otherwise, continue with this information.

Failures are occurring on the HSL link.

There may be B6xx 6982 errors logged on the same loop and about the same time as this error. Close those errors and continue to correct the problem by working this error.

- If there is a cable FRU in the serviceable event entry:
 1. If the connection is copper and either end has a loose connection, re-seat the cable. To do this, disconnect the connection and wait a minimum of 30 seconds. Then reconnect the cable and complete the tightening process in at most 30 seconds. Repeat the process at the other end of the cable. If the error persists, replace the FRUs in the Service Action Log (SAL), or serviceable event view you are using.
 2. If the connection is optical, clean the connections at both ends of the cable. If the error persists, replace the FRUs in the Service Action Log (SAL), serviceable event view you are using.
 3. If the error persists, replace the FRUs at each end of the cable starting with the FROM FRU listed in the serviceable event view you are using.
- If there was no cable in the Service Action Log (SAL), or serviceable event view you are using, then replace the FRUs listed in the serviceable event view.

Failing Item:

- HSL_LNK
- OPT_CLN

B6006988

Explanation: A High Speed Link (HSL / HSL2) or RIO / RIO-G loop was detected on the system this LPAR is running on. This version of the operating system does not support resources on an HSL / HSL2 / RIO / RIO-G loop. If resources on the loop are assigned to this LPAR, for example in the partition profile, the resources will not show up in this IBM i LPAR.

B6006990

Explanation: Service processor failure.

Response: The FRU list displayed in the Service Action Log (SAL), or serviceable event view you are working with, may vary from the failing item list given in this document. Use the FRU list in the serviceable event view if it is available to you.

Failing Item:

- SVCPROC

B6006991

Explanation: Service processor failure.

Failing Item:

- AJDGP01

B6006992

Explanation: Service processor failure.

Failing Item:

- AJDGP01

B6006993

Explanation: Service processor failure.

Response: A failure occurred with the service processor hardware or the service processor LIC.

The FRU list displayed in the Service Action Log (SAL), or serviceable event view you are working with, may vary from the failing item list given in this document. Use the FRU list in the serviceable event view if it is available to you.

Failing Item:

- SVCPROC
- AJDGP01

B6006994

Explanation: Service processor failure.

Response: The FRU list displayed in the Service Action Log (SAL) or serviceable event view you are working with, may vary from the failing item list given in this document. Use the FRU list in the serviceable event view if it is available to you.

Failing Item:

- SVCPROC

B600699C

Explanation: Wrap plug is installed on Bus Expansion Adapter card.

Response: This reference code is for information only. It indicates the presence of a wrap plug on the local optical link card.

B60069A8

Explanation: Informational bus reference code.

Response: This reference code is for information only and might include the following:

- Optical speed encode.
- Broken optical links now operational.

- Other information.

B60069B8

Explanation: Bus hardware configuration problem.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL
-

B60069C1

Explanation: A failure occurred communicating with another LPAR or system participating in Opti-connect with this LPAR or system. Starting with IBM i release 7.1 this event will be logged in the Product Activity Log but it will not be in the Service Action Log or the Problem Log. This event normally occurs when the other LPAR or system is powered off. If both LPARs or systems are running and have no Opti-connect errors then this event is indicating a possible problem with Opti-connect.

Response: Contact your next level of support if you suspect an Opti-connect problem. Otherwise this is a tracking event.

Failing Item:

- NEXTLVL
-

B60069C2

Explanation: HSL Opticonnect normal connect to another sys. or partition.

Response: This reference code is informational only.

HSL OptiConnect has established connection normally. The local system or partition is participating in HSL Opticonnect with other systems or partitions on the same HSL loop.

B60069C3

Explanation: HSL Opticonnect normal disconnect from other sys. or partition.

Response: This reference code is informational only.

HSL Opticonnect disconnected normally from a remote node. The local system or partition has stopped participating in HSL Opticonnect with the remote system or partition on the same HSL loop. Possible reasons include:

- A remote system or partition went off line due to a normal power off or disable of HSL Opticonnect.
-

B60069C5

Explanation: I/O processor failure.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL
-

B60069C6

Explanation: HSL Opticonnect abnormal disconnect from other sys. or partition.

Response: The local system or partition disconnected from a remote system or partition due to an unexpected event or failure. The problem is most likely with the remote system or partition. Intervention at the remote system is most likely required. Examine both the local and remote HSL OptiConnected systems or partitions for problems on this HSL loop.

Possible reasons include: A fatal error in software or hardware in the remote system or partition or a power failure in the remote system.

If there was not a complete HSL loop before this error occurred then a failure or power down in an HSL component between the local system or partition and the remote system or partition could have caused this error. Check for a problem with: an HSL cable, HSL I/O bridge or a power problem in an expansion I/O tower or unit on this loop.

Examine the Service Action Log (SAL), or serviceable event view you are using on the local system or partition for HSL failures on the same HSL loop at approximately the same time this error occurred.

Examine the remote system or partition for problems. If the remote system or partition is powered on and IPL'd then examine the Service Action Log (SAL), or serviceable event view you are using, on the remote system or partition for problems on the same HSL loop at approximately the same time this error occurred.

Correct any problems you find with the remote and local systems or partitions that happened at approximately the same time and involve HSL Opticonnect or HSL loop components or Network Interface Controllers. When the remote system is IPL'd it will automatically reconnect with this system or partition.

If there are no problems with the remote system or partition and there are no problems with the local system or partition then collect all the Product Activity Log information for this failure on both systems. Be sure to record all words in the SRC. Contact your next level of support.

Failing Item:

- REM_SYS
-

B60069C7

Explanation: HSL Opticonnect abnormal disconnect from other sys. or partition.

Response: The local system or partition disconnected

B60069C8 • B60069C9

from a remote system or partition due to an unexpected event or failure. LIC will attempt to recover from the error. Intervention at the local or remote system or partition may be required.

Possible causes are: time out, hang or hardware failure. The problem may be with: the local system or partition or the remote system or partition.

If there was not a complete HSL loop before this error then a failure or power down in an HSL component between the local system or partition and the remote system or partition could have caused this error. Check for SRCs with FRUs like: HSL cables, HSL I/O bridge or a power problem in an expansion I/O tower or unit on this loop.

Examine the SAL or serviceable event view you are working with on the local system or partition for failures on the same loop, or with the Network Interface Controller at approximately the same time.

Examine the remote system or partition for problems. Correct any HSL or NIC problems you find with the remote and local systems or partitions.

If there are no problems with the remote system or partition and there are no problems with the local system or partition then collect all the Product Activity Log (PAL) information for this failure on both systems. Be sure to record all words in the SRC. Contact your next level of support.

Failing Item:

- REM_SYS
- LOC_SYS

B60069C8

Explanation: HSL Opticonnect abnormal disconnect from other sys. or partition.

Response: The local system or partition disconnected from a remote system or partition due to an unexpected event or failure. All of the HSL OptiConnect connections on this loop will be in a failed state. LIC will attempt to recover from the error. Intervention at the local or remote system or partition may be required. Possible causes are:

- time out of a critical message
- LIC code / table problem
- Network deadlock detected

The problem may be with:

- The local system or partition
- The remote system or partition

Examine the Service Action Log (SAL), or serviceable event view you are using, on the local system or partition for HSL failures on the same HSL loop, or with the Network Interface Controller at approximately the same time this error occurred.

Examine the remote system or partition for problems. Examine the Service Action Log (SAL), or serviceable event view you are using, on the remote system or partition for problems on the same HSL loop or with the Network Interface Controller at approximately the same time this error occurred.

Correct any problems you find with the remote and local systems or partitions that happened at approximately the same time and involve HSL Opticonnect or HSL loop components or Network Interface Controllers.

If there are no problems with the remote system or partition and there are no problems with the local system or partition then collect all the Product Activity Log information for this failure on all systems or partitions. Be sure to record all words in the SRCs. Contact your next level of support.

Failing Item:

- REM_SYS
- LOC_SYS
- AJDG301

B60069C9

Explanation: HSL Opticonnect abnormal disconnect from other sys. or partition.

Response: The local system or partition disconnected from a remote system or partition due to an failure in a LIC virtualized bus unit. LIC will attempt to recover from the error. Possible causes are:

- LIC problem where the local bus unit is off line.
- LIC problem where the remote bus unit is off line.

Examine the Service Action Log (SAL), or serviceable event view you are using, on the local system or partition for HSL Opticonnect failures that occurred at approximately the same time this error occurred.

Examine the remote system or partition for problems. Examine the Service Action Log (SAL), or the serviceable event view you are using, on the remote system or partition for HSL Opticonnect problems that occurred at approximately the same time this error occurred.

Collect all the Product Activity Log information for this failure on all systems and partitions on this HSL loop. Be sure to record all words in the SRCs. Contact your next level of support with the information you have collected.

Failing Item:

- AJDG301
- REM_SYS
- LOC_SYS

B60069CF

Explanation: HSL Opticonnect abnormal disconnect from other sys. or partition.

Response: LIC internal error. All systems participating in HSL OptiConnect will be disconnected. The system must be re-IPL'd to recover. Before re-IPL'ing the system initiate a main store dump.

After getting the dump, examine the Service Action Log (SAL), or serviceable event view you are using, on the local system or partition for HSL Opticonnect failures that occurred at approximately the same time this error occurred.

Examine the remote systems or partitions for problems. Examine the Service Action Log (SAL), or serviceable event view you are using, on the remote systems or partitions for HSL Opticonnect problems that occurred at approximately the same time this error occurred.

Collect all the Product Activity Log information for this failure on all systems and partitions on this HSL loop. Be sure to record all words in the SRCs. Contact your next level of support with the information you have collected.

Failing Item:

- AJDG301
-

B60069D0

Explanation: Bus Expansion Adapter card failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL
-

B60069D8

Explanation: Bus Expansion Adapter failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL
-

B60069D9

Explanation: Host Ethernet Adapter (HEA) failure.

Response: Firmware detected a hardware failure in the Host Ethernet Adapter (HEA).

Failing Item:

- HEA
-

B60069DA

Explanation: System log entry only, no service action required.

B60069DB

Explanation: LIC failure.

Response: A Licensed Internal Code error occurred. The partition will continue to run with this Host Ethernet Adapter (HEA) disabled. Perform a partition dump and then IPL the partition to recover the HEA. Send the partition dump to your next level of support.

Failing Item:

- SVCDOCS
-

B60069DC

Explanation: The Host Ethernet Adapter (HEA) is not connected to the Ethernet switch.

Response: The Host Ethernet Adapter (HEA) is not connected to the Ethernet switch. If the HEA connection is not needed, no service action is required.

If the HEA connection is needed, verify that the cable is connected and the switch is powered on. After repairing the problem, verify that the connection has been restored.

B60069DD

Explanation: The Host Ethernet Adapter (HEA) connection to the Ethernet switch has been restored.

Response: System log entry only, no service action required.

B60069DE

Explanation: Host Ethernet Adapter (HEA) Media Interface Adapter Failure.

Response: Firmware detected a failure in the HEA Media Interface Adapter.

Failing Item:

- HEA
 - AJDG301
-

B60069E0

Explanation: Bus Expansion Adapter card failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL
-

B60069E8

Explanation: Bus Expansion Adapter failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL

B60069F0

Explanation: Bus Expansion Adapter failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL

B60069F8

Explanation: Bus Expansion Adapter failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL

B6007001

Explanation: ISDN call in rejected.

Failing Item:

- UG3LB

B6007002

Explanation: Lines not selected.

Failing Item:

- UG3LB

B6007003

Explanation: Network interfaces not selected.

Failing Item:

- UG3LB

B6007004

Explanation: TCP/IP informational error.

Response: This reference code is logged when the TCP/IP Attribute Log Protocol Errors is set, and the TCP/IP System LIC silently discards an in bound datagram. Silently discard is defined to mean discard the received datagram without reporting an error to the originating host device. Examples of such datagrams are those with checksums or destination addresses which are not valid.

This reference code is for information only. Normally no action should be taken as a result of this reference code. It is generated in order to assist with remote device or TCP/IP network problem determination.

B6007055

Explanation: Statistics were logged, no service action required.

Response: This reference code is logged for information only.

B6007100

Explanation: APPN session initiation attempt has timed out.

Response: This reference code is used to indicate that LIC timed out on a request to initiate a session.

The user must run problem analysis for this reference code. If this indicates a software problem, the user should dial IBM Software Support for assistance.

The Problem Determination Procedure (PDP) will indicate whether the original timeout condition still exists and what the corrective actions should be.

Failing Item:

- AJDG301
- UPLF3
- UPLF1
- UPLF2

B6007101

Explanation: APPN session initiation attempt has failed.

Response: This reference code is used to indicate that LIC attempted to satisfy a session initiation request, but some failure condition was detected by LIC. The failure condition could be a configuration or operational problem in the network.

The user must run problem analysis for this reference code. If this indicates a software problem, the user should dial IBM Software Support for assistance.

The Problem Determination Procedure (PDP) will indicate whether the original timeout condition still exists and what the corrective actions should be.

Failing Item:

- UPLF4
- UPLF5
- UPLF6
- AJDG301

B6007102

Explanation: APPN CP-CP session ended.

B6007201

Explanation: A utility failure occurred.

Response: This reference code is for information only. The Uninterruptible Power System (UPS) is reporting a utility failure.

B6007202

Explanation: Utility power restored.

Response: This reference code is for information only. The Uninterruptible Power System (UPS) is reporting that utility power has been restored.

B6007203

Explanation: A battery low condition was detected.

Response: This reference code is for information only. The Uninterruptible Power System (UPS) is reporting a battery low condition.

B6007204

Explanation: Uninterruptible Power System reported a bypass active.

Response: This reference code is for information only. The Uninterruptible Power System (UPS) is reporting a bypass is active.

B6007205

Explanation: Battery low condition was reset.

Response: This reference code is for information only. The Uninterruptible Power System (UPS) is no longer reporting a battery low condition.

B6007206

Explanation: UPS reported bypass no longer active.

Response: This reference code is for information only. The Uninterruptible Power System (UPS) is no longer reporting a bypass active condition.

B600720A

Explanation: Battery Power Unit replacement dates do not match.

Response: The replacement dates for one of the Battery Power Units do not match. Run "Display Hardware Configuration" and verify that the dates match the labels on the batteries.

B6007703

Explanation: System LIC detected a program exception.

Response: Storage Management detected a DASD datacheck condition and the defective sector was reallocated.

Perform a system IPL to restart the system.

B6007704

Explanation: General failure detected by HRI component.

Failing Item:

- AJDG301
-

B6007777

Explanation: Hardware configuration change detected.

Response: A hardware resource is missing. The resource reported in to the system on a previous IPL, but has not reported in on the current IPL. This could occur for several different reasons.

1. It could be a normal situation where the resource is currently powered off. In this case, when the resource is powered back on, it will no longer be missing.
 2. The hardware resource could also be missing if it has been removed from the system, for example, a tape drive that was replaced with a different tape drive. The service representative should use the Hardware service manager to remove the entry for this resource.
 3. The resource may not have reported in on this IPL because it is failing. Perform problem analysis to determine why the resource is failing.
-

B6008000

Explanation: A storage subsystem disk unit connection failed.

Response: Look for other errors in the Service Action Log (SAL), or serviceable event view you are working with, and fix them.

B6008001

Explanation: A storage subsystem disk unit connection failed.

Response: Look for other errors in the Service Action Log, or serviceable event view you are working with, and fix them.

B6008002

Explanation: Maximum number of redundant connections exceeded.

Response: An attempt to activate a connection from another I/O adapter to a storage subsystem disk unit failed because the maximum number of connections are already active for this disk unit. No action required.

B6008003

Explanation: A storage subsystem disk unit connection was restored.

Response: No action required.

B6008004

Explanation: A storage subsystem disk unit connection failed.

Response: Could not read configuration information from the disk unit. Look for other errors in the Service Action Log, or serviceable event view you are working with, and fix them.

B6008005

Explanation: High performance connection failed.

Response: A high performance connection to an external storage subsystem disk unit failed.

There are still two or more external storage subsystem disk unit connections, but performance might be degraded.

Look for other errors in the Service Action Log, or serviceable event view you are working with, and fix them.

B6008006

Explanation: High performance connection failed.

Response: A high performance connection to an external storage subsystem disk unit failed.

There is still one more external storage subsystem disk unit connection, but performance might be degraded.

Look for other errors in the Service Action Log, or serviceable event view you are working with, and fix them.

B6008007

Explanation: High performance connection was restored.

Response: A high performance connection to an external storage subsystem disk unit was restored.

Performance is no longer degraded.

No action required.

B60094FC

Explanation: D-mode IPL informational event. No service action is needed.

B6009999

Explanation: Call home test SRC built into LIC for testing and verification. No service action is needed.

Problem determination: None, this SRC means that a LIC call home test was triggered to determine if problem reporting functions are set up correctly.

B600999A

Explanation: Notification test SRC built into LIC for testing and verification. No service action is needed.

Problem determination: None, this SRC means that a LIC serviceable test was triggered to determine if problem reporting functions are set up correctly. This SRC will show up in the Problem Log but will not automatically call home.

B600B700

Explanation: A platform firmware error log was signalled to LIC but could not be retrieved from platform firmware. LIC created this event in the PAL with SRC B600B700 to log the problem.

Problem determination: Contact your hardware service provider. This is a platform firmware problem.

Failing Item:

- NEXTLVL
-

B600CF00

Explanation: Permanent error on removable media device.

Response: A type D IPL terminated because of a removable media Load Source device failure. If the removable media Load Source is an external device, check the cables. If that does not correct the problem, replace the device. If the removable media Load Source is an internal device, replace the device. If the removable media Load Source is a virtual device, ensure it is set up correctly.

Failing Item:

- SVCDOCS
-

B600CF01

Explanation: Unsupported removable media device configuration.

Problem determination: A type D IPL terminated because of an unsupported removable media device configuration. Retry the D-IPL with a different removable media device.

Failing Item:

- SVCDOCS

B600CFFC

Explanation: Optical library device condition not expected.

Response: The optical disk drive addressing within the optical library is incorrect. This error is likely to be the result of faulty cabling or switch setting following service to an optical library.

Contact your hardware service provider.

Failing Item:

- OPTLCBL
 - DRVSWCH
-

B600CFFD

Explanation: Optical drive failure.

Failing Item:

- OPTLDRV
-

B600CFFF

Explanation: Media determined to be bad in Optical library.

B600D4C1

Explanation: LIC detected a problem in error analysis code.

Problem determination: Report this problem to your service provider.

Failing Item:

- SVCDOCS
-

B600D4C2

Explanation: LIC detected a problem in error analysis code.

Problem determination: Report this problem to your service provider.

Failing Item:

- SVCDOCS
-

B600D4C3

Explanation: LIC detected a problem in error analysis code.

Problem determination: Report this problem to your service provider.

Failing Item:

- SVCDOCS
-

B600D4C4

Explanation: LIC detected a problem in error analysis code.

Problem determination: Report this problem to your service provider.

Failing Item:

- SVCDOCS
-

B600D4C5

Explanation: LIC detected a problem in error analysis code.

Problem determination: Report this problem to your service provider.

Failing Item:

- SVCDOCS
-

B600F103

Explanation: Main storage dump must be copied for service.

Failing Item:

- LICIP01
-

B600F104

Explanation: LPAR service function directed a Main Storage Dump.

Response: The Hypervisor terminated a partition with an unresponsive Operating System. A Main Store Dump must be done for service. Call your next level of support when the dump is complete.

Failing Item:

- LICIP01
-

B600F105

Explanation: Licensed Internal Code detected error.

Failing Item:

- NEXTLVL
-

B600FDC0

Explanation: LIC program reported informational error.

Response: This reference code is logged for information only. No action required.

B600FDC5

Explanation: LIC program failed and data was captured.

Response: This reference code indicates first failure data capture (FFDC) data was collected for a problem reported by licensed internal code.

The user should dial IBM Software Support for assistance.

Failing Item:

- UG3AS

B6xx0000

Explanation: Operating system status code.

Response: This reference code is for information only. It is shown in the Product activity log as a side effect of a condition that was detected by LIC.

Normally, no action should be taken as a result of information reference codes. However, to isolate the root cause, use these suggestions:

1. Examine the date and time of the informational reference code.
2. Determine if any other reference codes have been logged at or before the same date and time.
3. Begin the service approach based on these other logged errors.

B6xx0102

Explanation: A machine check occurred during IPL.

Response: Words 2 to 9 of this SRC contain additional diagnostic information. Record SRC words 1 through 9 before attempting to IPL again and report the problem to your Software Service Provider.

B6xx0103

Explanation: Main storage dump must be copied for service.

Failing Item:

- LICIP01

B6xx0104

Explanation: Terminate Immediate reference code is bad.

Failing Item:

- LICIP08
- AJDG301

B6xx0105

Explanation: More than one request to terminate the system was issued.

Failing Item:

- LICIP08
- AJDG301

B6xx0106

Explanation: Terminate Immediate data is not valid.

Failing Item:

- LICIP08
- AJDG301

B6xx0107

Explanation: Main storage dump must be copied for service.

Response: The server detected an unrecoverable machine check condition.

Collect all the words of the SRC and the main store dump and send to your system manufacturer for analysis.

B6xx0109

Explanation: An unrecoverable memory error occurred.

Response: Re-IPL the partition that terminated. Then, look for and correct errors with SRCs of the form B1xxxxxx in the Serviceable Event View that indicate the replacement of memory in the failing item list. If there are no B1xxxxxx SRCs in the Serviceable Event View that indicate a memory problem, perform a slow boot by using Performing a slow boot in order to run diagnostics on the memory. Then, look for and correct errors with SRCs of the form B1xxxxxx in the Serviceable Event View.

Failing Item:

- SVCDOCS

B6xx0202

Explanation: Unrecoverable read error.

Response: Restore the Licensed Internal Code using Utilities to install and restore IBM i Licensed Internal Code.

B6xx0210

Explanation: The system ASP has run out of disk storage.

Response: The out of storage condition in the system ASP can be caused by an allocation failure in some

other system software. This could be a looping condition that continues to allocate storage. Contact your service representative for assistance with the Main Storage Dump.

B6xx0231

Explanation: Disk sanitize action completed successfully.

Response: No service action required. This entry is logged for information only.

B6xx0232

Explanation: Disk sanitize action did not complete successfully.

Response: Provide the Product Activity Log entry to your next level of support for analysis.

B6xx0244

Explanation: Contact was lost with the device indicated.

Response: Do not power off the system.

Perform the procedure indicated in the failing item list.

Failing Item:

- LICIP13
- FI00580
- FI00500
- FI00302
- FI00301
- AJDG301

B6xx0255

Explanation: Contact was lost with the device indicated.

Response: Do not power off the system.

Perform the procedure indicated in the failing item list.

Failing Item:

- LICIP13
- FI00580
- FI00500
- FI00302
- FI00301
- AJDG301

B6xx0266

Explanation: Contact was lost with the device indicated.

Response: Do not power off the system.

Perform the procedure indicated in the failing item list.

Failing Item:

- LICIP13
- FI00580
- FI00500
- FI00302
- FI00301
- AJDG301

B6xx0299

Explanation: Informational LIC state SRC.

B6xx0302

Explanation: Recursion in exception handler.

This SRC is an IBM i software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBM i LPAR's panel then report the SRC as an IBM i software problem.

Failing Item:

- LICIP08
- AJDG301

B6xx0304

Explanation: Component specific exception handler return code not valid.

Failing Item:

- LICIP08
- AJDG301

B6xx0305

Explanation: Exception while storage management lock is held.

Failing Item:

- LICIP08
- AJDG301

B6xx0307

Explanation: LIC exception code detected a problem.

Response: Component Specific Exception Handler recursion is detected in an IBM i Operating System process.

Failing Item:

- LICIP08
- AJDG301

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B6xx0308

Explanation: LIC exception code detected a problem.

Response: Component Specific Exception Handler recursion is detected in an IBM i Operating System process.

Failing Item:

- LICIP08
- AJDG301

B6xx0317

Explanation: Traceback for code not found.

Failing Item:

- LICIP08
- AJDG301

B6xx0323

Explanation: LIC exception code detected a problem.

Failing Item:

- LICIP08
- AJDG301

B6xx0324

Explanation: LIC exception code detected a problem.

Failing Item:

- LICIP08
- AJDG301

B6xx0325

Explanation: LIC exception code detected a problem.

Failing Item:

- LICIP08
- AJDG301

B6xx0326

Explanation: LIC exception code detected a problem.

Failing Item:

- LICIP08
- AJDG301

B6xx0327

Explanation: LIC exception code detected a problem.

Failing Item:

- LICIP08
- AJDG301

B6xx0328

Explanation: LIC exception code detected a problem.

Failing Item:

- LICIP08
- AJDG301

B6xx0329

Explanation: LIC exception code detected a problem.

Failing Item:

- LICIP08
- AJDG301

B6xx0333

Explanation: A branch to a bad address was attempted.

Failing Item:

- LICIP08
- AJDG301

B6xx0334

Explanation: Exception Handler could not be removed.

Failing Item:

- LICIP08
- AJDG301

B6xx0335

Explanation: Code resumed to not valid address following exception.

Failing Item:

- LICIP08
- AJDG301

B6xx0336

Explanation: LIC exception code detected a problem.

Failing Item:

- LICIP08
- AJDG301

B6xx0401

Explanation: A machine check occurred during IPL.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0402

Explanation: A machine check occurred during authority initialization.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0403

Explanation: Unhandled exception during IPL or install.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0405

Explanation: Unhandled exception in authority recovery.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0406

Explanation: Unhandled exception in data base recovery.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0407

Explanation: Unhandled exception in data base initialization.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0408

Explanation: Unhandled exception in journal recovery.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0409

Explanation: Unhandled exception in journal synchronization.

Failing Item:

- LICIP08

- AJDG301
-

B6xx0410

Explanation: Unhandled exception in journal clean up.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0411

Explanation: Unhandled exception in commit recovery.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0412

Explanation: Unhandled exception in commit initialization.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0413

Explanation: Rebuild of recovery object index failed.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0414

Explanation: Install of operating system failed on read from media.

Failing Item:

- LICIP08
 - FI00300
-

B6xx0415

Explanation: Create user profile failed.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0417

Explanation: Initiating the initial process failed.

Failing Item:

- LICIP08
- AJDG301

B6xx0418

Explanation: The information loaded from the install media is not valid.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0419

Explanation: The information loaded from the install media is not valid.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0420

Explanation: The information loaded from the install media is not valid.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0421

Explanation: Bad return code creating a queue or message.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0422

Explanation: The Load/Dump command failed.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0423

Explanation: LIC in IBM i has detected that the system unit technology level or configuration is not supported by the version and release of IBM i attempting to install. The version and release of IBM i you are working with will not install and not IPL on this system unit.

Problem determination: Install on a system unit that is supported by the version and release of IBM i that you are working with.

Failing Item:

- SVCDOCS
-

B6xx0439

Explanation: Opening the IPCF connection failed.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0440

Explanation: Termination code is not valid.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0441

Explanation: Power off system command failed.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0443

Explanation: Programmed IPL command failure.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0446

Explanation: Error during machine termination.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0447

Explanation: Failure to reach MI boundary.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0449

Explanation: Exception in MI boundary manager.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0506

Explanation: Attempt to destroy a task with critical flag on.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0507

Explanation: A critical process terminated. This SRC will be in the LPAR's panel.

LIC detected an attempt to terminate a process with its critical flag set to ON. Normally this process will be SCPE.

This is a secondary affect of the process termination request for a critical process that was caused by a system error condition that began process termination. The system error condition that began process termination is most commonly a storage error or LIC exception handling.

Response: Perform LICIP08 - save and send in the Main Store Dump, collect LIC and Product Activity Logs.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0607

Explanation: Maximum stack size exceeded in process or task.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0620

Explanation: Event management index is not usable.

Failing Item:

- LICIP08
 - AJDG301
-

B6xx0650

Explanation: Resource management segment could not be created or extended.

Response: A main store dump was initiated.

Words 2 to 9 of this SRC contain additional diagnostic information. Record SRC words 1 through 9.

Perform a system IPL and collect the Product activity log and main store dump and provide them along with the recorded SRC information to IBM Service Support.

The problem may also be that there is not enough auxiliary storage.

Failing Item:

- AJDG301
-

B6xx0801

Explanation: Invalid LID directory detected.

Response: During system IPL, the LIDMgr detected an I/O failure or media failure while trying to read the LID directory.

Failing Item:

- LICIP08
 - FI00070
 - FI00300
 - AJDG301
-

B6xx0802

Explanation: LID directory unusable.

Response: During system IPL, the LIDMgr detected that the LID directory and associated Load Source is not usable.

Reinstall the Licensed Internal Code by using Utilities to install and restore IBM i Licensed Internal Code.

For more information, contact IBM Service Support.

Failing Item:

- AJDG301
-

B6xx0901

Explanation: The LinkLoader has found its bad flag ON.

Response: This reference code is usually the result of a system termination while the LinkLoader is performing its work.

Reinstall the Licensed Internal Code by using Utilities to install and restore IBM i Licensed Internal Code.

B6xx0902

Explanation: Unable to perform programmed IPL.

Response: The LinkLoader was not successful in performing a programmed IPL.

Perform a system IPL. If the problem persists, examine the main storage dump and determine the reason for the failure of the programmed IPL.

B6xx0903 • B6xx1730

B6xx0903

Explanation: The LinkLoader was not able to allocate a segment.

Response: Perform the D mode IPL again. If the problem persists, there might be a memory problem. Contact your next level of support.

B6xx0904

Explanation: The LinkLoader was not able to load a critical LID.

Response: Perform the D mode IPL again. If the problem persists, contact your next level of support.

B6xx1001

Explanation: Enqueuing a task to the TDQ which is already enqueued on TDQ.

Failing Item:

- LICIP08
- AJDG301

B6xx1103

Explanation: MISR not readable; must be readable for Normal Mode install.

Response: MISR is not readable. Perform a manual install to reinitialize the system.

B6xx1104

Explanation: Failure reading media or not install media.

Response: Determine that correct install media is loaded. If correct install media is installed, media could be corrupt. Obtain another copy of the install media and re-attempt the install. If the install still fails, contact your service representative.

B6xx1201

Explanation: Critical database segment could not be created.

Failing Item:

- LICIP08
- AJDG301

B6xx1204

Explanation: Error in constraint enforcement.

Failing Item:

- LICIP08
- AJDG301

B6xx1210

Explanation: Object not found in the in-use table.

Failing Item:

- LICIP08
- AJDG301

B6xx1215

Explanation: Error in critical code sequence.

Failing Item:

- LICIP08
- AJDG301

B6xx1219

Explanation: A back leveled driver has been detected.

Failing Item:

- LICIP08
- AJDG301

B6xx1604

Explanation: Not able to create APPN task.

Response: An error occurred during task creation which requires a power off of the system.

Failing Item:

- LICIP08
- AJDG301

B6xx1724

Explanation: An attempt to create a segment failed.

Response: The create could fail for two reasons:

- A code problem. Perform the procedure indicated in the failing item list.
- No free auxiliary storage on the system. Add additional DASD if the create failed because no auxiliary storage was available.

Failing Item:

- LICIP08
- AJDG301

B6xx1730

Explanation: An IPL is needed to restore system performance.

Response: Licensed Internal Code has detected a condition that is impacting system performance. System operation can continue, but system performance may be noticeably reduced until the next IPL.

Look at the Product Activity Log entry, and find the

value at offset x'000180'. If the value equals x'00000122', the error was caused by too much processor memory being installed.

For more information, contact IBM Service Support.

Failing Item:

- UPLF1

B6xx3000

Explanation: LPAR service function directed a Main Storage Dump.

Response: Copy the current main storage dump to media. For more information on how to copy a Main Storage Dump, refer to Copying a main storage dump.

Failing Item:

- AJDG301

B6xx41FC

Explanation: Installation of LIC failed.

Response: Words 12 and 13 of this SRC contain additional diagnostic information.

Install LIC using physical media.

To determine what caused the failure, collect SRC information and contact your next level of support.

Failing Item:

- SVCDOCS

B6xx41FD

Explanation: Installation of LIC failed.

Response: A main store dump was initiated. Words 12 and 13 of this SRC contain additional diagnostic information.

To recover the partition using the previously installed LIC, perform a B-mode IPL. You can then re-try the installation of LIC. Otherwise, install LIC using physical media.

To determine what caused this failure, collect SRC information and main store dump and contact your next level of support.

Failing Item:

- SVCDOCS

B6xx4401

Explanation: Missing DASD units.

Response: Copy the current main storage dump to media.

For more information on how to perform a Main Storage Dump, refer to Copying a main storage dump.

B6xx4402

Explanation: Missing DASD units.

Response: Copy the current main storage dump to media. Then exit the Main Storage Dump Manager.

For more information on how to perform a Main Storage Dump, refer to Copying a main storage dump.

B6xx4403

Explanation: Storage Management failed to reach full paging.

Response: Copy the current main storage dump to media.

For more information on how to perform a Main Storage Dump, refer to Copying a main storage dump.

B6xx4404

Explanation: Auto copy failed or not attempted.

Response: Copy the current main storage dump. If copying to system ASP, existing copies may need to be deleted or renamed. Then exit the Main Storage Dump Manager.

For more information on how to perform a Main Storage Dump, refer to Copying a main storage dump.

B6xx4405

Explanation: System ASP threshold exceeded after auto copy done.

Response: Delete other system ASP copies or exit the Main Storage Dump Manager and then from DST copy the Auto Copy to media and then delete the Auto Copy in system ASP.

B6xx4420

Explanation: MSD Manager not configured to save dump information.

Response: The platform produced dump data, but the Main Storage Dump (MSD) Manager was not configured to automatically copy the dump to an Auxiliary Storage Pool (ASP). The dump will be lost if the system power is lost. Use MSD Manager to manually copy the current platform dump to media or an ASP.

B6xx4421

Explanation: Insufficient space in the ASP to store a platform dump.

Response: The platform produced dump data, and the Main Storage Dump (MSD) Manager was configured to automatically copy the dump to an Auxiliary Storage Pool (ASP), but there was not sufficient free space

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available in the ASP. The dump will be lost if the system power is lost. Manually copy the current platform dump from the platform by performing one of the following:

- Make room in the designated ASP and then use the MSD Manager to copy the current platform dump to ASP.
- Use the MSD Manager to delete other dump copies, then copy the current platform dump to ASP.
- Use the MSD Manager to copy the current platform dump to a different ASP.
- Use the MSD Manager to copy the current platform dump to media.

B6xx4422

Explanation: A platform dump is saved in MSD Manager.

Response: The platform produced dump data. The dump data was copied to the Main Storage Dump (MSD) Manager.

Failing Item:

- PLDUMP

B6xx4601

Explanation: Unspecified LIC error.

Problem determination: Report this problem to your next level of support.

Failing Item:

- SVCDOCS

B6xx4700

Explanation: Processor On Demand error detected.

Response: Processor on Demand Data Block key is not valid.

Replace the Processor Capacity card.

Failing Item:

- CTLPNCD

B6xx4701

Explanation: Processor On Demand error detected.

Response: Processor On Demand Data Block contains data that does not match the expected data.

Contact your service provider.

Failing Item:

- AJDG301

B6xx4703

Explanation: Processor On Demand error detected.

Response: Processor On Demand Serialization has failed during IPL.

Contact your service provider.

Failing Item:

- AJDG301

B6xx4710

Explanation: Processor On Demand error detected.

Response: SPCN communication failure during Processor On Demand.

Look in the Product Activity Log for other SPCN errors and perform the actions indicated for those errors.

Failing Item:

- SPNLCRD

B6xx4712

Explanation: Processor On Demand error detected.

Response: Correct any Processor Capacity card or SPCN failures.

Failing Item:

- CTLPNCD

B6xx4713

Explanation: Incorrect Processor Capacity Card installed.

Response: The Processor Capacity Card is the failing item since it has been swapped in from a different system.

Put the Processor Capacity Card back in the system it came from, and reinstall this system's original Processor Capacity Card.

Failing Item:

- CTLPNCD

B6xx4714

Explanation: The CUoD data is not present. A problem may exist.

Response: The Processor Capacity Card was changed and there may be a problem.

If the system did have any activated standby processors before the Processor Capacity Card was replaced, then new processor on demand activation codes must be obtained to restore the previous activations.

Contact your service provider.

B6xx4715

Explanation: Processor On Demand error detected.

Response: Correct any Processor Capacity card or SPCN failures.

Failing Item:

- CTLPNCD
-

B6xx4730

Explanation: Processor On Demand error detected.

Response: Processor On Demand standby processors are in use.

Contact your service provider.

Failing Item:

- AJDG301
-

B6xx4731

Explanation: Processor On Demand error detected.

Response: The Processor On Demand Trial Activation period is not valid. Contact your next level of support.

Failing Item:

- AJDG301
-

B6xx4733

Explanation: Processor On Demand error detected.

Response: Contact your service provider.

Failing Item:

- AJDG301
-

B6xx4740

Explanation: Processor On Demand error detected.

Response: The Processor On Demand Activation code just entered is not valid.

Contact your next level of support.

Failing Item:

- AJDG301
-

B6xx4741

Explanation: Processor On Demand error detected.

Response: An invalid Processor On Demand Activation code has been entered more than 5 consecutive times. Contact your service provider.

Failing Item:

- AJDG301
-

B6xx4745

Explanation: Processor Capacity card replaced on activated POD system.

Response: Contact IBM Support to order a replacement Processor On Demand activation code.

B6xx4747

Explanation: 1 hour left in POD 14 day Trial Activation Period.

Response: If a new activation code was purchased, it should be entered now. Otherwise, the system will revert back to its previous activation state at the end of the Trial Activation Period.

B6xx5001

Explanation: DST received no response from a work station controller.

Response: The workstation I/O processor for the system or partition console did not respond.

Failing Item:

- RTRIP01
 - FI00380
 - AJDG301
-

B6xx5002

Explanation: DST problem attempting to use the system console.

Response: A code problem occurred during an attempt to use the system console.

Failing Item:

- LICIP03
 - AJDG301
 - FI00380
-

B6xx5003

Explanation: Service program failed.

Response: The ASCII system console failed to respond.

Failing Item:

- FI00320
 - FI00602
 - USER
 - AJDG301
 - FI00380
-

B6xx5004

Explanation: DST console failed to respond.

Response: The system console failed to respond.

Failing Item:

- RTRIP02
- FI00320
- FI00602
- USER
- AJDG301
- FI00380

B6xx5005

Explanation: Service program failed.

Response: The workstation adapter system console failed to respond.

Failing Item:

- WSAIP01
- FI00320
- FI00602
- USER
- AJDG301
- FI00380

B6xx5007

Explanation: Service program failed.

Response: The workstation adapter console failed to respond.

Failing Item:

- RTRIP07
- FI00320
- FI00602
- USER
- AJDG301
- FI00380

B6xx5008

Explanation: DST console failed to respond. If an IPL did not find a console and if the console type is set to anything except a 1, the system will display code A6005008.

Response: If you just replaced the LAN adapter associated with Operations Console (LAN), you need to wait at least 35 minutes for the system to find and use the new LAN adapter. In this case, when the system is satisfied, it starts using the new adapter. The console should start, and the SRC is no longer shown.

If you are attempting to use a twinaxial console the only data relevant in this SRC is word 6. Use the

information in the list below for the meaning of word 6 to determine the twinaxial failure. The first 4 characters of word 6 contains the last 4 characters of the original failure type. For example, if word 6 contained 50010001, the twinaxial-related SRC would be A6005001 and the console type is set to use a twinaxial console. Refer to that SRC. Word 6 in the form of xxxx yy zz means the following:

- xxxx where:
 - The twinaxial-related SRC is represented by the first 4 characters.
- yy where:
 - 0A = No console tagged
- zz where:
 - 00 = Not defined by user (old default value)
 - 01 = Twinaxial
 - 02 = Operations Console (Direct) (obsolete)
 - 03 = Operations Console (LAN)
 - 04 = Hardware Management Console (HMC) or Thin Console

If you are attempting to use Operations Console, the local console on a network uses words 3, 4, and 5. Use words 3 through 5 to select the appropriate section in the following list.

1. Word 3 is "1": No supported HW detected or HW detected is not expected (for example, you replaced the LAN IOA so the serial number is different) In some cases the serial number of the expected adapter may be shown in word 5.
2. Word 3 is "2": The LAN IOA failed to report.
3. Word 3 is "3": Hardware error. Common error codes in word 4:
 - 53001A80 and 53002AC0: Network, cable or the LAN adapter may not be operational. Word 5 may contain the card position or serial number of the adapter.
 - 00000000: This error code indicates the adapter reported but has not been initialized yet. This is not considered an error, at this time. The adapter should be activated shortly. Word 5 may contain the card position or serial number of the adapter.
 - CC10031A: Adapter was activated but did not reach LinkUp state. The card was given more than a minute to link up to its partner (probably a switch) and it didn't do so. Likely conditions:
 - The cable is unplugged on one end or the other, or is defective.
 - The switch port is not operational.

Once this error code is received, the problem will not resolve itself until something restarts the device driver. Word 5 may contain the card position or serial number of the adapter.

- For other error codes contact your service provider. Word 5 may contain the card position or serial number of the adapter.
4. Word 3 is "4": BOOTP status: Word 4 contains the number of attempts. If attempts are zero, then BOOTP is ready, when called. If attempts have a value, then the PC did not respond. Word 5 may contain the card position or serial number of the adapter.
 5. Word 3 is "5": The system's LAN connection is active but the PC failed to connect. Are the PC and system on the same network and using the same protocol? Can the PC ping the system? (ping serverhostname). Word 4 contains the IP address. Word 5 may contain the card position or serial number of the adapter.

Problem determination: Look at words 3-8 on the console. If words 3-5 are non-zero the failing item is most likely an ASYNC card. If words 6-8 are non-zero the failing item is most likely a LAN card.

Word 7 meanings for the failure identified:

- 1 Async card not detected.
- 2 No cables detected. Word 8 is the Card position. Word 9 is the card type.
- 3 Wrong cable detected. Word 8 is the card position. Word 9 is the cable ID.
- 4 Port in use. Word 8 is the card position. Word 9 is the card type.
- FA Not configured for direct cable

Note: It is expected that a D-mode IPL with a new load source direct access storage device (DASD) will show the console type value of 00. Examples of when this can occur might be that the copy of data from a failing DASD did not copy all data or you are installing a new logical partition. Also, there are times when the DASD is late reporting and the console type value was not retrieved in time. In these cases you can use the console service function to set a console type value or attempt to contact the console again.

Failing Item:

- OPCIP03
- FI00719

B6xx5010

Explanation: IPL service function ended abnormally.

Failing Item:

- LICIP04
- AJDG301

B6xx5014

Explanation: DST status. The Storage Management Dual Path Information Screen option to dump data to a PAL has completed successfully.

B6xx5015

Explanation: DST error. An error has occurred gathering data for the Storage Management Dual Path Information Screen option to dump data to a PAL. Contact your next level of support or hardware service provider.

Failing Item:

- NEXTLVL

B6xx5082

Explanation: DST lost contact with the console.

Response: A service program lost contact with the system console.

Failing Item:

- RTRIP03
- AJDG301
- USER

B6xx5083

Explanation: IPL service function ended abnormally.

Response: A service program lost contact with the system console.

Failing Item:

- TWSIP01
- AJDG301
- USER

B6xx5090

Explanation: System startup failed in unattended IPL mode.

Response: Perform the following:

- If reference code A6xx5090 is displayed on the control panel for more than 10 minutes, perform the procedure indicated in the failing item list.
- For reference code B6xx5090, perform the procedure indicated in the failing item list.

Failing Item:

- LICIP11
- FI00580
- FI00500
- FI00301
- FI00021
- FI00065

B6xx5092 • B6xx5126

- AJDG301

B6xx5092

Explanation: System is in DASD migration mode.

Response: Install Licensed Internal Code and Upgrade Load Source was specified but the key is not in the manual position. Change the key position to manual and perform a system IPL.

B6xx5094

Explanation: IASP detected a failure during the vary on operation.

Failing Item:

- LICIP12

B6xx50FF

Explanation: DST unrecoverable program error.

Failing Item:

- LICIP03
- AJDG301
- FI00380

B6xx5120

Explanation: System LIC detected a program exception.

Response: System LIC detected a programming problem. If performance or other system degradation is occurring, the system may be operating with reduced resources.

Check the Product activity log for related entries. If this reference code is logged with an error class of Informational, then no action is required.

Otherwise, perform the procedure indicated in the failing item list.

Failing Item:

- LICIP01
- AJDG301
- FI00130

B6xx5121

Explanation: LIC program exception occurred.

Response: System LIC detected a programming problem for which a main storage dump may have been initiated. Collect the dump if available.

A problem log entry may be generated for this refcode.

Failing Item:

- LICIP01
- AJDG301

B6xx5122

Explanation: LIC program exception occurred.

Response: System LIC detected an IOP programming problem for which an IOP dump may have been initiated.

Failing Item:

- LICIP01
- FI00130
- AJDG301
- FI00131

B6xx5123

Explanation: LIC program exception occurred.

Response: System LIC detected an interface problem with the IOP or an IOP programming problem for which an IOP and main storage dump may have been initiated.

Failing Item:

- LICIP01
- FI00130
- AJDG301
- FI00131

B6xx5124

Explanation: LIC program exception occurred.

Response: System LIC detected a programming problem for which a main storage dump may have been initiated. Collect the dump if available.

Collect the Product Activity Log entry for this and send it to your next level of support. A problem log entry may be generated for this refcode.

Failing Item:

- AJDG301

B6xx5126

Explanation: Addressed device failed to respond to selection.

Failing Item:

- DISKDRV
- STORIOA
- DISKTRY
- FI01106
- FI01140
- FI01141
- DEVTERM
- BACKPLN

B6xx5127

Explanation: IOP timed out a disk command.

Failing Item:

- DISKDRV
 - STORIOA
 - FI01106
 - DISKTRY
 - FI01140
 - FI01141
 - DEVTERM
 - BACKPLN
-

B6xx5128

Explanation: I/O processor failure.

Failing Item:

- FI01112
 - FI01107
-

B6xx512D

Explanation: An IOP dump was initiated.

Response: Copy the IOP dump entry and any related entries from the Product Activity Log to suitable media, and give to an IBM service representative.

B6xx512E

Explanation: LIC program exception occurred.

Response: The system was in a D IPL mode when the problem was detected. A main storage dump was not taken.

Failing Item:

- LICIP01
 - AJDG301
 - FI00130
-

B6xx5130

Explanation: PAL logging burst detected. No service is required. Some duplicate event logs were filtered to prevent overflowing the logging queue and to limit PAL wrapping.

B6xx5131

Explanation: PAL logging statistical entry. No service is required.

B6xx5132

Explanation: PAL logging statistical entry. No service is required.

B6xx5133

Explanation: PAL receive of logs from Platform LIC detected a burst of duplicates. No service is required. Some duplicate event logs were filtered to prevent overflowing the logging queue and to limit PAL wrapping.

B6xx5134

Explanation: PAL logging statistical entry. No service is required.

B6xx5135

Explanation: PAL logging statistical entry. No service is required.

B6xx5140

Explanation: Unexpected LIC exception.

Response: Collect VLOGs for major codes 1800 and 4A00.

B6xx5141

Explanation: Unexpected LIC exception.

Response: Collect VLOGs for major codes 1800 and 4A00.

B6xx5192

Explanation: Insufficient entitled memory for the I/O configuration.

Response: Use the hardware management console to increase the entitled memory capacity of the partition and restart the I/O adapter. To restart a storage I/O adapter, use Hardware Service Manager to re-IPL the virtual I/O processor that is associated with this I/O adapter. To restart a communications I/O adapter, vary the line off and vary it on using the vary configuration (VRYCFG) command.

Failing Item:

- SVCDOCS
-

B6xx5193

Explanation: Virtual adapter not supported in a shared memory partition.

Response: Use the hardware management console to remove the virtual adapter from the partition.

Failing Item:

B6xx5194 • B6xx5311

- SVCDOCS

B6xx5194

Explanation: Insufficient entitled memory for the I/O configuration.

Response: Use the hardware management console to increase the entitled memory capacity of the partition and restart the partition.

Failing Item:

- SVCDOCS

B6xx5206

Explanation: System LIC detected a missing IOP LIC code load.

Response: System LIC detected a missing IOP LIC code load during IPL of the IOP. This indicates that either the IOP code load is not installed on the system Load Source device or that system LIC was unable to successfully read that load from the Load Source device.

Failing Item:

- LICIP01
- USER

B6xx5209

Explanation: System LIC detected an IOP timeout during IOP IPL.

Response: Verify that all IOP cable connections are secure, and check tape and other non-disk devices and media to verify that they are in a ready state.

Failing Item:

- LICIP01
- USER
- FI00130
- AJDG301

B6xx5219

Explanation: LIC program exception occurred.

Response: An IOP signaled to system LIC that it had entered a critical internal state. LIC automatically attempted to restart the IOP.

This reference code is logged for information only. No action is required.

If this reference code appears in a serviceable event view then service is required, work the failing items list. Otherwise this event can be ignored.

Failing Item:

- FI00310
- FI00318

- FI00065
- FI00130
- AJDG301

B6xx5275

Explanation: The system issued a reset/reload to the IOP.

Response: System Licensed Internal Code detected that an IOP Reset/Reload has occurred, and that the IOP successfully recovered.

Users who were signed on to a Workstation device under the IOP will need to sign back on. Any LAN/WAN communications lines under the IOP will need to be restarted. Tape/Optical devices under the IOP may need to be varied back on.

To determine the cause of the IOP Reset/Reload, check the Product Activity Log for additional entries logged with the same System Log ID, and perform any actions indicated for those errors.

B6xx5276

Explanation: IOP Reset was issued.

Response: LIC has detected a problem with the Service Processor IOP and has reset it but has not initiated reload of the Service Processor.

If the Load Source is mirrored, some system operations may be able to continue normally. However, some system service operations have been suspended and the system should be scheduled for power down as soon as possible.

Failing Item:

- RTRIP08
- AJGLD01
- AJDG301
- FI00021

B6xx5310

Explanation: LIC program exception occurred.

Response: System LIC detected a logical partition configuration data consistency error. Copy the Product Activity Log data for this error and any related entries and contact your next level of hardware service support.

Failing Item:

- LPARSUP

B6xx5311

Explanation: LIC program exception occurred.

Response: LPAR configuration data does not match current system configuration. The system will not IPL

past DST until the problem is corrected.

Following is a list of problems which may have caused this SRC to be reported:

- Non-configured disk unit which was previously a load source on a partitioned system.
- Load Source configuration data does not match partition for which it is being used.
- Load Source configuration data does not match system serial number for which it is being used.
- Load Source configuration data is newer than primary partition configuration data.

Failing Item:

- LPRIP01
- LPARSUP

B6xx5312

Explanation: LIC program exception occurred.

Response: LPAR configuration data informational error.

The LPAR configuration data was found to be in error or inconsistent on a secondary partition's Load Source. The data was automatically updated to the current system level.

B6xx5313

Explanation: LIC program exception occurred.

Response: LPAR configuration data informational error.

The LPAR configuration data was found to be inconsistent on a primary partition and could only be corrected with an older copy of the data.

Failing Item:

- LPARCFG

B6xx5340

Explanation: Secondary partition not running at optimum.

Response: Check the Primary partition's Product Activity Log for system processor entries from approximately the same time. Perform the actions indicated for those entries.

B6xx5341

Explanation: Secondary partition not running at optimum.

Response: Check the primary partition Product Activity Log for system memory entries from approximately the same time. Perform the actions indicated for those entries.

B6xx5342

Explanation: Secondary partition not running at optimum.

Response: Check the Primary partition's Product Activity Log for system processor entries from approximately the same time. Perform the actions indicated for those entries.

B6xx5343

Explanation: Secondary partition not running at optimum.

Response: Check the Primary partition's Product Activity Log for system memory errors from approximately the same time. Perform the actions indicated for those entries.

B6xx5344

Explanation: Secondary partition not running at optimum.

Response: The interactive performance specified in the configuration data for this partition could not be met.

Contact your next level of support.

Failing Item:

- LPARSUP

B6xx5350

Explanation: Secondary partition software release not supported.

Response: The logical partition software version is outside the supported release delta.

Check the Release Delta from the Primary partition "Display Partition Release Level" screen.

Check the LPAR documentation for the release level of the Primary partition and determine what the supported Release Delta is.

B6xx5380

Explanation: LIC program exception occurred.

Response: Record the Product Activity Log (PAL) hex data for this SRC or print the PAL entry.

Contact your next level of support.

Failing Item:

- LPARSUP

B6xx5390 • B6xx6907

B6xx5390

Explanation: LIC program exception occurred.

Response: Record the Product Activity Log (PAL) hex data for this SRC or print the PAL entry.

Contact your next level of support.

Failing Item:

- LPARSUP

B6xx5505

Explanation: The copying of DASD log data to the IOP log was successful.

Response: IOP log data can be copied to a spool file for examination by the development lab.

B6xx5555

Explanation: SLIC I/O DASD subsystem error recovery in progress.

B6xx5600

Explanation: Unrecoverable read error.

Response: VPD data could not be read.

Look for other errors implicating hardware. There is no way to know what VPD read has failed, but the resource is not usable and should generate an error.

If no such error occurred, call your next level of support.

Failing Item:

- SVCDOCS

B6xx6900

Explanation: System bus error.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL

B6xx6901

Explanation: Bus Expansion Adapter card failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL

B6xx6902

Explanation: Bus Expansion Adapter card failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL

B6xx6905

Explanation: Optical bus failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL

B6xx6906

Explanation: High Speed Link (HSL) or PCI bridge card slot I/O bridge failure.

Response: LIC could not access part of the HSL I/O bridge VPD. The bridge and HSL loop may be prevented from becoming operational.

For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event viewer you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log (SAL) or serviceable event view on the hardware management console is available then use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available then use the failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

Failing Item:

- SIIOADP
- OPT_CLN

B6xx6907

Explanation: High Speed Link (HSL) or PCI bridge card slot I/O bridge failure.

Response: LIC detected invalid data in the HSL I/O bridge VPD. The bridge and HSL loop may not have become operational.

For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event view you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log (SAL) or serviceable event view on the hardware management console, is available then use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available then use the

failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

Failing Item:

- SIOADP
- OPT_CLN

B6xx6908

Explanation: High Speed Link (HSL) or PCI bridge card slot I/O bridge failure.

Response: LIC data in the I/O bus VPD could not be accessed. The I/O Bus identified in the SRC may not have become operational.

If there is a B6xx 6906 reference code, close this problem in the serviceable event view you are working with and work the 6906 error.

For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event view you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log or serviceable event view on the hardware management console or service processor is available then use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available then use the failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

Failing Item:

- SIOADP
- OPT_CLN

B6xx6909

Explanation: High Speed Link (HSL) or PCI bridge card slot I/O bridge failure.

Response: LIC detected invalid data in the I/O bus VPD. The bus and resources associated with it may not be operational.

For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event view you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log (SAL) or serviceable event

viewer on the hardware management console is available then use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available then use the failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

If the serviceable event view only indicated a frame or enclosure see the locations section for the frame or enclosure type. The location of the HSL I/O Bridge will be given in the locations tables.

NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

Failing Item:

- SIOADP
- OPT_CLN

B6xx690A

Explanation: Associated adapter not found in this partition.

Failing Item:

- LICIP16

B6xx690B

Explanation: Load Source IOP did not come up to operational status. The IPL is terminated.

The IPL of the IOP where the Load Source is has failed. The IOP cannot be used.

Problem determination: Contact your next level of support to determine what the problem is.

To work around this problem move the Load Source to another adapter.

- If the Load Source is on a physical adapter and the server has multiple LPARs, use the LPAR's definition in the hardware management console to determine the location of the physical adapter where the Load Source is. Look for other errors that indicate problems with hardware in the path to the Load Source.
- If the Load Source is on a virtual adapter, then this could be a problem with the virtual adapter. Work with the configuration of the Virtual I/O Server to use a different path to the Load Source.
- If the server does not have multiple LPARs then work with the customer to determine the location of the Load Source adapter if you believe it is not in the first bus in the server unit. Look for other errors that indicate problems with hardware in the path to the Load Source.

Failing Item:

- SVCDOCS

B6xx690C

Explanation: Load Source bus failed to IPL. The IPL is terminated.

The IPL of the PCI bus where the Load Source IOP/IOA is has failed. The PCI bus cannot be used.

Response: Look for other problems in the path of the Load Source.

Problem determination: Contact your next level of support to determine what the problem is.

To work around this problem move the Load Source IOP/IOA to another PCI bus.

- If the Load Source is on a physical adapter and the server has multiple LPARs, use the LPAR's definition in the hardware management console to determine the location of the physical adapter where the Load Source is. Look for other errors that indicate problems with hardware in the path to the Load Source.
- If the Load Source is on a virtual adapter, then this could be a problem with the virtual adapter. Work with the configuration of the Virtual I/O Server to use a different path to the Load Source.
- If the server does not have multiple LPARs then work with the customer to determine the location of the Load Source adapter if you believe it is not in the first bus in the server unit. Look for other errors that indicate problems with hardware in the path to the Load Source.

Failing Item:

- SVCDOCS
-

B6xx690D

Explanation: IPL to the point where the Load Source adapter is configured has failed. The IPL is terminated.

The IPL and configuration of the LIC managing the resources on the Load Source path failed. The Load Source path cannot be used.

Response: Look for other errors that indicate problems with hardware in the path to the Load Source.

Problem determination: Contact your next level of support to determine what the problem is.

To work around this problem move the Load Source to another adapter.

Either the LIC or the adapter is failing.

- If the Load Source is on a physical adapter and the server has multiple LPARs, use the LPAR's definition in the hardware management console to determine the location of the physical adapter where the Load Source is.
- If the Load Source is on a virtual adapter, then this could be a problem with the virtual adapter. Work

with the configuration of the Virtual I/O Server to use a different path to the Load Source.

- If the server does not have multiple LPARs then work with the customer to determine the location of the Load Source adapter if you believe it is not in the first bus in the server unit.

Failing Item:

- SVCDOCS
-

B6xx6910

Explanation: I/O processor failure.

Response: An I/O processor timed out, returned bad status, or is not following the system bus protocol.

Failing Item:

- LICIP07
 - FI00310
 - FI00318
 - FI00065
 - FI00130
 - AJDG301
-

B6xx6938

Explanation: Not valid system configuration detected.

Response: This system model does not allow a configuration of more than three (non-OptiConnect) I/O Processors.

Power down the system and remove the extra (non-OptiConnect) I/O Processor(s) so that there are three or less. Restart the system.

B6xx6944

Explanation: Missing or failed I/O processor cards.

Response: A system bus appears to be empty. If the bus is not empty, two I/O processors in consecutive slots may be missing or broken. If there are broken I/O processors, then another more serious SRC has occurred. Otherwise find the bus number for this failure from the Product activity log and use the system configuration list to verify the configuration of the I/O processors on that bus.

Failing Item:

- FI00317
 - FI00316
 - AJDG301
-

B6xx6960

Explanation: Multi-adapter Bridge or PCI Bridge card slot error, do not use card slot.

Response: Slot unavailable due to 64 bit card in adjacent slot.

One of the messages documented with the symbolic FRU will describe the problem. See SLOTERR symbolic FRU for a list of messages and corrective actions.

Failing Item:

- SLOTERR

B6xx6961

Explanation: Multi-adapter Bridge or PCI Bridge card slot error, do not use card slot.

Response: LED control failure, do not use slot.

The card location is not available for use. The Failing Item with the card slot error is in the Failing Item list for this reference code.

See SLOTERR symbolic FRU for the list of messages and a further description of the problem detected by Licensed Internal Code.

For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event view you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log or a serviceable event viewer on the hardware management console is available for this problem then use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available then use the failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

Failing Item:

- SLOTERR
- MASBUS

B6xx6962

Explanation: Multi-adapter Bridge or PCI Bridge card slot error, do not use card slot.

Response: Power control failure, do not use slot.

If there is a Linux partition in the system, any IOPs plugged into slots owned by a Linux partition will not power on. This error will be logged. Correct the situation by removing the IOP cards.

The card location is not available for use. The Failing Item with the card slot error is in the Failing Item list for this reference code.

See SLOTERR symbolic FRU for the list of messages and a further description of the problem detected by Licensed Internal Code.

For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event view you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log, or serviceable event view on the hardware management console is available then use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available then use the failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

Failing Item:

- SLOTERR
- MASBUS

B6xx6963

Explanation: Multi-adapter Bridge or PCI Bridge card slot error, do not use card slot.

Response: Power control failure, do not use slot.

The card location is not available for use. The Failing Item with the card slot error is in the Failing Item list for this reference code.

See SLOTERR symbolic FRU for the list of messages and a further description of the problem detected by Licensed Internal Code.

For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event viewer you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log or serviceable event viewer on the hardware management console is available then use the failing item list presented there for servicing this reference code.

If serviceable event view is not available then use the failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

Failing Item:

- SLOTERR
- MASBUS

B6xx6964

Explanation: Multi-adapter Bridge or PCI Bridge configuration change or error.

Response: One of several errors or configuration problems has occurred under a Multi-adapter Bridge or PCI Bridge. If you are using the Service Action Log

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(SAL), or the serviceable event viewer on the hardware management console or the service processor, then the correct FRU, description and card position(s) will be listed. Use the FRUs and descriptions in the serviceable event view you are working with to determine the problem.

If you do not have access to the Service Action Log, or serviceable event view on the hardware management console or service processor, then word 4 of the SRC has more information. Examine the last 4 digits in word 4 to determine the problem by comparing them to the list below and using the FRU(s) listed here.

1. xxxx2022 - IOP found in slots owned by a Linux partition. The Multi-adapter Bridge or PCI Bridge and PCI Bridge set that it controls are assigned to a Linux partition. The IOP found in the SLOT indicated by the DSA in word 7 will not be configured.
2. xxxx2014 - I/O adapters were found under the Multi-adapter Bridge or PCI Bridge but there is no IOP to support them. The adapters cannot be used.
3. xxxx2015 - An card type was found that cannot be supported in the card position where it is located.

See MABRCFG symbolic FRU for the list of messages, a further description of the problem detected by Licensed Internal Code and the corrective action.

Failing Item:

- MABRCFG

B6xx6965

Explanation: Multi-adapter Bridge or PCI Bridge configuration change or error.

Response: Card type not supported in this slot.

An I/O processor or I/O adapter card type is installed in the location indicated in word 7 of the SRC. The card type is not supported in that slot under the Multi-adapter Bridge or PCI Bridge. The card is unavailable.

See MABRCFG symbolic FRU for the list of messages, a further description of the problem detected by Licensed Internal Code and the corrective action.

Failing Item:

- MABRCFG

B6xx6966

Explanation: Multi-adapter Bridge or PCI Bridge configuration change or error.

Response: I/O processor removed from Multi-adapter Bridge or PCI Bridge card slot.

On the previous IPL an I/O processor was in the card location specified in word 7 of the SRC. The I/O processor was not detected on this IPL.

See MABRCFG symbolic FRU for the list of messages, a further description of the problem detected by Licensed Internal Code and the corrective action.

Failing Item:

- MABRCFG

B6xx6967

Explanation: Multi-adapter Bridge or PCI Bridge configuration change or error.

Response: I/O adapter unavailable due to moved I/O processor card.

The I/O adapter specified in word 7 of the SRC is not available. On the previous IPL there was an I/O processor card the adapter was assigned to. The I/O processor was not detected on this IPL.

See MABRCFG symbolic FRU for the list of messages, a further description of the problem detected by Licensed Internal Code and the corrective action.

Failing Item:

- MABRCFG

B6xx6968

Explanation: Multi-adapter Bridge or PCI Bridge configuration change or error.

Response: IOA removed from Multi-adapter Bridge or PCI Bridge slot.

On the previous IPL an I/O adapter was in the card slot specified in word 7 of the SRC. That I/O adapter was not detected on this IPL.

See MABRCFG symbolic FRU for the list of messages, a further description of the problem detected by Licensed Internal Code and the corrective action.

Failing Item:

- MABRCFG

B6xx6969

Explanation: Multi-adapter Bridge or PCI Bridge configuration change or error.

Response: I/O adapter replaced by I/O processor card.

On the previous IPL there was an I/O adapter in the location specified in word 7 of the SRC. This IPL LIC detected that the IOA was replaced by an IOP in that location.

See MABRCFG symbolic FRU for the list of messages, a further description of the problem detected by Licensed Internal Code and the corrective action.

Failing Item:

- MABRCFG

B6xx696A

Explanation: Card slot test failed.

Failing Item:

- LICIP14
- FI00131
- BACKPLN

B6xx696B

Explanation: Card slot could not be validated.

Response: This can be caused by "PCI error injection policy" being set to "YES" and an I/O Processor being installed on the same Multi-adapter Bridge or PCI Bridge domain as the I/O Adapter. Do one of the following. Either:

-- Using the hardware management console or a customer PC with a Web browser access the Advanced System Management Interface (ASMI) and disable PCI error injection policy.

OR:

-- Vary off the I/O Adapter. Using Hardware Service manager in SST/DST, locate the I/O Adapter resource. Using concurrent maintenance on the associated packaging resource, remove the I/O Adapter and install it in a location that does not have I/O Processors on the same Multi-adapter bridge domain.

OR:

-- Vary off the I/O Adapter. Use the concurrent maintenance option in Hardware Service Manager in SST/DST to power off all I/O Processors located on the same Multi-adapter Bridge or PCI Bridge domain as the I/O Adapter. Use concurrent maintenance to power off and power on the I/O Adapter. Then use concurrent maintenance to power on the I/O Processors located on the same Multi-adapter Bridge or PCI Bridge domain as the I/O Adapter.

B6xx6970

Explanation: High Speed Link (HSL) or PCI bridge card slot resource failure.

Response: A system PCI bus failure was detected. Word 7 of the SRC contains the bus number.

This failure can occur when a tower in an HSL loop is powered off using concurrent maintenance. If this is the case, close this problem.

This error is most likely in the hardware that makes up the PCI bus, the PCI bus side of the HSL I/O bridge or the Multi-adapter Bridge or PCI Bridge. In some cases it may be caused by a failing IOP in the Multi-adapter Bridge or PCI Bridge domain. When an IOP is causing the problem, the failing IOP cannot be identified.

NOTE: This SRC can occur for the PCI bus resource on

a PCI bus in an I/O expansion unit when the unit is powered off for a concurrent maintenance action.

If the Service Action Log, or serviceable event view on the hardware management console or service processor, is available then use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available then use the failing item list documented here.

NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

Failing Item:

- SI_PHB
- PRI_PCI
- MA_BRDG
- MABIP03
- BRDGSET
- OPT_CLN

B6xx6971

Explanation: High Speed Link (HSL) or PCI bridge card slot resource failure.

Response: A failure occurred in a Multi-adapter Bridge or PCI Bridge or on the bus to the card location it controls.

If a serviceable event view is available, use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available, use the failing item list documented here.

Failing Item:

- MABIP02
- MA_BRDG
- MASBUS
- PIOCARD

B6xx6972

Explanation: High Speed Link (HSL) or PCI bridge card slot resource failure.

Response: Multi-adapter Bridge (MaB) or PCI Bridge failure detected.

For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event viewer you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log (SAL) or serviceable event viewer on the hardware management console is available then use the failing item list presented there for servicing this reference code.

If a serviceable event view is not available then use the

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failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

Failing Item:

- MA_BRDG

B6xx6973

Explanation: High Speed Link (HSL) or PCI bridge card slot resource failure.

Response: Multi-adapter Bridge or PCI Bridge has detected a problem in the card installed in the location specified in word 7 of the SRC. Use the FRU list in the Service Action Log (SAL), or serviceable event view you are working with. If you are working from this document's FRU list use the Symbolic FRU BRDGSET to determine the failing items.

Failing Item:

- BRDGSET
- SIOADP
- MA_BRDG

B6xx6974

Explanation: Multi-adapter Bridge or PCI Bridge configuration change or error.

Response: PCI I/O processor rejected the assignment of or the removal of an I/O adapter.

Failing Item:

- MABRCFG

B6xx6975

Explanation: The system issued a reset/reload to the service processor.

Response: Service processor error.

Failing Item:

- AJDGP01

B6xx6976

Explanation: Service processor failure.

Response: For this reference code the failing item list presented in the Service Action Log (SAL), or serviceable event view you are working with, can be different from the failing item list documented here. That is due to the differences in system models and features installed.

If the Service Action Log (SAL) or a serviceable event viewer on the hardware management console is available then use the failing item list presented there for servicing this reference code.

If a serviceable event viewer is not available then use

the failing item list documented here. By following the procedures in the symbolic FRUs listed here you will isolate to the correct FRU list based on system model and features installed.

Failing Item:

- SVCPROC

B6xx6980

Explanation: Network Interface Controller / IO Hub failure.

Response: For Power5 and newer servers, service this error using the B7006980 service information. Otherwise, continue with this information.

The FRU list displayed in the Service Action Log (SAL) or serviceable event view you are working with, may vary from the failing item list given in this document. Use the FRU list in the serviceable event view if it is available to you.

NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

Failing Item:

- SICNTRL
- OPT_CLN

B6xx6981

Explanation: High Speed Link (HSL) or PCI bridge card slot I/O bridge failure.

Response: For Power5 and newer servers, service this error using the B7006981 service information. Otherwise, continue with this information.

Cycle power on the frame identified as the frame with failed HSL I/O Bridge prior to replacing FRUs.

The FRU list displayed in the Service Action Log (SAL), or serviceable event view you are using, may vary from the failing item list given in this document. Use the FRU list in the serviceable event view if it is available to you.

If you find either a B6xx 6982 or B6xx 6984 SRC logged at approximately the same time as this SRC then they were caused by the same failure. If you find a 6982 SRC logged at approximately the same time then close this problem and service the 6982 SRC. The failing item listed for this SRC is one of the failing items listed for B6xx 6982. If the serviceable event view's entry for this SRC has a location listed then record the location for use in servicing the 6982 SRC.

NOTE: This SRC can occur for the HSL I/O Bridge resource in an I/O expansion unit when the unit is powered off for a concurrent maintenance action.

NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

Failing Item:

- SIIOADP
- OPT_CLN

B6xx6982

Explanation: High Speed Link (HSL) connection failure.

Response: For Power5 and newer servers, service this error using the B7006982 service information. Otherwise, continue with this information.

If this SRC is not in the Service Action Log (SAL) or serviceable event view you are using, then it is informational or statistical only. It does not require a service action.

Otherwise, this is a connection failure on an HSL link. Perform the procedure indicated in the failing item list.

Failing Item:

- RIOIP09
- HSL_LNK
- SIIOADP
- SICNTRL
- REM_NIC
- OPT_CLN

B6xx6983

Explanation: A High Speed Link (HSL) / RIO / 12X loop configuration event was detected. The loop may have an unsupported configuration or a configuration that is not valid or the loop is in a state that LIC is logging for potential future reference.

Problem determination: LIC is reporting an event about the state of a RIO / HSL / 12X loop. Word 4 of the SRC contains the program return code (PRC) which identifies the state or problem with the loop.

For Power5 and newer servers, if this event appears in a serviceable event view then a service action is required. This SRC may also be logged as informational when it is recording information about the loop that is not a problem for the LPAR.

If this event does not appear in a serviceable event view then no service is required. To determine what the event meaning is record the PRC in word 4 of the SRC then use symbolic FRU SIRGCFG. This completes the procedure.

If this event appears in a serviceable event view then search for a B7006983 serviceable event logged at about the same time.

Did you find a B7006983 serviceable event logged at about the same time in the LPAR?

- YES - Service this error by working the B7006983 error.
- NO - Continue working this SRC. If you are using the Service Action Log (SAL) the FRU description

may already indicate the configuration problem. Otherwise record the PRC in word 4 of the SRC. Use symbolic FRU SIRGCFG to determine the problem.

Failing Item:

- SIRGCFG

B6xx6984

Explanation: High Speed Link (HSL) loop status message.

Response: For Power5 and newer servers, service this error using the B7006984 service information. Otherwise, continue with this information.

An HSL loop has switched to its alternate path. This is an informational SRC only.

Word 7 of the SRC contains the loop number in the leftmost 4 digits. The loop number is in hexadecimal format. You must convert the hexadecimal loop number into decimal format to recognize the loop number in HSM.

This SRC can be caused by a tower on the HSL loop powering off.

This SRC may also appear in the Service Action Log (SAL), or serviceable event viewer you are using, with a B6xx 6982 or B6xx 6981 logged at approximately the same time. In that case the other SRC is reporting a failure and this SRC is reporting that the alternate HSL path is now being used. Service the other SRC if present.

B6xx6985

Explanation: High Speed Link (HSL) loop status message.

Response: For Power5 and newer servers, service this error using the B7006985 service information. Otherwise, continue with this information.

If this SRC is not in the Service Action Log (SAL), or serviceable event view you are using, then it is informational. Use FRU SIRSTAT to determine what this SRC means. Otherwise, continue with the following steps:

This error can appear as a serviceable event when a tower, or I/O unit or another system in the loop did not complete powering on before LIC on this system checked this loop for errors. Search the Product Activity Log (PAL) for the last B6xx 6985 SRC logged for this loop and use FRU SIRSTAT to determine if this error requires service. If the last entry indicates the loop is functioning (determined by FRU SIRSTAT) then no service action is required, close this problem

There may be multiple B6xx 6985 logs with xxxx 3205 in word 4 errors for the same loop resource in the serviceable event view. This is caused by retry and recovery attempts. If there is a B6xx 6985 with xxxx

3206 or xxxx 3208 in word 4 after the above B6xx 6985 entries in the PAL, then the recovery efforts were successful. If this is the case, close all the B6xx 6985 entries for that loop resource in the serviceable event view.

1. If you find a B6xx 6981 in the serviceable event view then close that problem and go to step 2. Otherwise perform the following:
 - Perform RIOIP06 to determine if any other systems are connected to this loop and return here. (HSL_LNK or HSLxxxx FRU in the Service Action Log (SAL) entry, or serviceable event view you are working with, indicates the loop number.) If there are other system(s) then continue with the steps that follow, otherwise go to step 2.
 - Check for HSL failures on the other system(s) before replacing parts. HSL failures are serviceable event entries with HSL I/O Bridge and Network Interface Controller (NIC) resources. Ignore B6xx 6982 and B6xx 6984 entries. If there are HSL failures on other system(s) then continue with the steps that follow, otherwise go to step 2.
 - Repair the problems on the other systems and return to this step. After making repairs on the other system(s) check the Product Activity Log (PAL) of this system for a B6xx 6985 logged after the repairs you made on the other system(s). If you find one then continue with the steps that follow, otherwise go to step 2.
 - For the B6xx 6985 log you found, use FRU SIRSTAT to determine if the loop is now complete. If the loop is complete then this problem has been resolved. Use RIOIP01 to verify that the loop is now working properly. Otherwise, go to step 2.
2. Use the serviceable event's FRU list when it is available. If this SRC appears in the Service Action Log (SAL), or the serviceable event view you are using, with the Symbolic FRU HSL_LNK or HSLxxxx listed as a FRU, then perform problem isolation procedure RIOIP01. Otherwise exchange the FRUs listed in the serviceable event view.

NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

Failing Item:

- SIRSTAT
- HSL_LNK
- SIOADP
- SICNTRL
- OPT_CLN

B6xx6986

Explanation: System bus error.

Response: For Power5 and newer servers, service this error using the B7006986 service information. Otherwise, continue with this information.

During IPL, system LIC detected an HSL I/O bridge that was already initialized. The bridge should have been in a flushed and uninitialized state after powering on. There is a problem with SPCN components that prevented the tower from powering off after a previous power off was issued. The tower will not be configured for this IPL.

This reference code is equivalent to 1xxx 90F0. When referring to the "CBLALL" symbolic FRU in the Failing Item list, perform the "CBLALL" procedure using reference code "90F0".

Word 5 of the SRC identifies the frame. Determine the frame by breaking down word 5:

Word 5 -> xxxx xxNN where: NN is the frame number in hexadecimal format.

Failing Item:

- TWRCARD
- CBLALL

B6xx6987

Explanation: High Speed Link (HSL) connection failure.

Response: For Power5 and newer servers, service this error using the B7006987 service information. Otherwise, continue with this information.

Failures are occurring on the HSL link.

There may be B6xx 6982 errors logged on the same loop and about the same time as this error. Close those errors and continue to correct the problem by working this error.

- If there is a cable FRU in the serviceable event entry:
 1. If the connection is copper and either end has a loose connection, re-seat the cable. To do this, disconnect the connection and wait a minimum of 30 seconds. Then reconnect the cable and complete the tightening process in at most 30 seconds. Repeat the process at the other end of the cable. If the error persists, replace the FRUs in the Service Action Log (SAL), or serviceable event view you are using.
 2. If the connection is optical, clean the connections at both ends of the cable. If the error persists, replace the FRUs in the Service Action Log (SAL), serviceable event view you are using.
 3. If the error persists, replace the FRUs at each end of the cable starting with the FROM FRU listed in the serviceable event view you are using.

- If there was no cable in the Service Action Log (SAL), or serviceable event view you are using, then replace the FRUs listed in the serviceable event view.

Failing Item:

- HSL_LNK
- OPT_CLN

B6xx6988

Explanation: A High Speed Link (HSL / HSL2) or RIO / RIO-G loop was detected on the system this LPAR is running on. This version of the operating system does not support resources on an HSL / HSL2 / RIO / RIO-G loop. If resources on the loop are assigned to this LPAR, for example in the partition profile, the resources will not show up in this IBM i LPAR.

B6xx6990

Explanation: Service processor failure.

Response: The FRU list displayed in the Service Action Log (SAL), or serviceable event view you are working with, may vary from the failing item list given in this document. Use the FRU list in the serviceable event view if it is available to you.

Failing Item:

- SVCPROC

B6xx6991

Explanation: Service processor failure.

Failing Item:

- AJDGP01

B6xx6992

Explanation: Service processor failure.

Failing Item:

- AJDGP01

B6xx6993

Explanation: Service processor failure.

Response: A failure occurred with the service processor hardware or the service processor LIC.

The FRU list displayed in the Service Action Log (SAL), or serviceable event view you are working with, may vary from the failing item list given in this document. Use the FRU list in the serviceable event view if it is available to you.

Failing Item:

- SVCPROC
- AJDGP01

B6xx6994

Explanation: Service processor failure.

Response: The FRU list displayed in the Service Action Log (SAL) or serviceable event view you are working with, may vary from the failing item list given in this document. Use the FRU list in the serviceable event view if it is available to you.

Failing Item:

- SVCPROC

B6xx699C

Explanation: Wrap plug is installed on Bus Expansion Adapter card.

Response: This reference code is for information only. It indicates the presence of a wrap plug on the local optical link card.

B6xx69A8

Explanation: Informational bus reference code.

Response: This reference code is for information only and might include the following:

- Optical speed encode.
- Broken optical links now operational.
- Other information.

B6xx69B8

Explanation: Bus hardware configuration problem.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL

B6xx69C1

Explanation: A failure occurred communicating with another LPAR or system participating in Opti-connect with this LPAR or system. Starting with IBM i release 7.1 this event will be logged in the Product Activity Log but it will not be in the Service Action Log or the Problem Log. This event normally occurs when the other LPAR or system is powered off. If both LPARs or systems are running and have no Opti-connect errors then this event is indicating a possible problem with Opti-connect.

Response: Contact your next level of support if you suspect an Opti-connect problem. Otherwise this is a tracking event.

Failing Item:

- NEXTLVL

B6xx69C2

Explanation: HSL Opticonnect normal connect to another sys. or partition.

Response: This reference code is informational only.

HSL OptiConnect has established connection normally. The local system or partition is participating in HSL Opticonnect with other systems or partitions on the same HSL loop.

B6xx69C3

Explanation: HSL Opticonnect normal disconnect from other sys. or partition.

Response: This reference code is informational only.

HSL Opticonnect disconnected normally from a remote node. The local system or partition has stopped participating in HSL Opticonnect with the remote system or partition on the same HSL loop. Possible reasons include:

- A remote system or partition went off line due to a normal power off or disable of HSL Opticonnect.

B6xx69C5

Explanation: I/O processor failure.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL

B6xx69C6

Explanation: HSL Opticonnect abnormal disconnect from other sys. or partition.

Response: The local system or partition disconnected from a remote system or partition due to an unexpected event or failure. The problem is most likely with the remote system or partition. Intervention at the remote system is most likely required. Examine both the local and remote HSL OptiConnected systems or partitions for problems on this HSL loop.

Possible reasons include: A fatal error in software or hardware in the remote system or partition or a power failure in the remote system.

If there was not a complete HSL loop before this error occurred then a failure or power down in an HSL component between the local system or partition and the remote system or partition could have caused this error. Check for a problem with: an HSL cable, HSL I/O bridge or a power problem in an expansion I/O tower or unit on this loop.

Examine the Service Action Log (SAL), or serviceable event view you are using on the local system or partition for HSL failures on the same HSL loop at approximately the same time this error occurred.

Examine the remote system or partition for problems. If the remote system or partition is powered on and IPL'd then examine the Service Action Log (SAL), or serviceable event view you are using, on the remote system or partition for problems on the same HSL loop at approximately the same time this error occurred.

Correct any problems you find with the remote and local systems or partitions that happened at approximately the same time and involve HSL Opticonnect or HSL loop components or Network Interface Controllers. When the remote system is IPL'd it will automatically reconnect with this system or partition.

If there are no problems with the remote system or partition and there are no problems with the local system or partition then collect all the Product Activity Log information for this failure on both systems. Be sure to record all words in the SRC. Contact your next level of support.

Failing Item:

- REM_SYS

B6xx69C7

Explanation: HSL Opticonnect abnormal disconnect from other sys. or partition.

Response: The local system or partition disconnected from a remote system or partition due to an unexpected event or failure. LIC will attempt to recover from the error. Intervention at the local or remote system or partition may be required.

Possible causes are: time out, hang or hardware failure. The problem may be with: the local system or partition or the remote system or partition.

If there was not a complete HSL loop before this error then a failure or power down in an HSL component between the local system or partition and the remote system or partition could have caused this error. Check for SRCs with FRUs like: HSL cables, HSL I/O bridge or a power problem in an expansion I/O tower or unit on this loop.

Examine the SAL or serviceable event view you are working with on the local system or partition for failures on the same loop, or with the Network Interface Controller at approximately the same time.

Examine the remote system or partition for problems. Correct any HSL or NIC problems you find with the remote and local systems or partitions.

If there are no problems with the remote system or partition and there are no problems with the local system or partition then collect all the Product Activity Log (PAL) information for this failure on both systems. Be sure to record all words in the SRC. Contact your next level of support.

Failing Item:

- REM_SYS
- LOC_SYS

B6xx69C8

Explanation: HSL Opticonnect abnormal disconnect from other sys. or partition.

Response: The local system or partition disconnected from a remote system or partition due to an unexpected event or failure. All of the HSL OptiConnect connections on this loop will be in a failed state. LIC will attempt to recover from the error. Intervention at the local or remote system or partition may be required. Possible causes are:

- time out of a critical message
- LIC code / table problem
- Network deadlock detected

The problem may be with:

- The local system or partition
- The remote system or partition

Examine the Service Action Log (SAL), or serviceable event view you are using, on the local system or partition for HSL failures on the same HSL loop, or with the Network Interface Controller at approximately the same time this error occurred.

Examine the remote system or partition for problems. Examine the Service Action Log (SAL), or serviceable event view you are using, on the remote system or partition for problems on the same HSL loop or with the Network Interface Controller at approximately the same time this error occurred.

Correct any problems you find with the remote and local systems or partitions that happened at approximately the same time and involve HSL Opticonnect or HSL loop components or Network Interface Controllers.

If there are no problems with the remote system or partition and there are no problems with the local system or partition then collect all the Product Activity Log information for this failure on all systems or partitions. Be sure to record all words in the SRCs. Contact your next level of support.

Failing Item:

- REM_SYS
- LOC_SYS
- AJDG301

B6xx69C9

Explanation: HSL Opticonnect abnormal disconnect from other sys. or partition.

Response: The local system or partition disconnected from a remote system or partition due to an failure in a LIC virtualized bus unit. LIC will attempt to recover from the error. Possible causes are:

- LIC problem where the local bus unit is off line.
- LIC problem where the remote bus unit is off line.

Examine the Service Action Log (SAL), or serviceable event view you are using, on the local system or partition for HSL Opticonnect failures that occurred at approximately the same time this error occurred.

Examine the remote system or partition for problems. Examine the Service Action Log (SAL), or the serviceable event view you are using, on the remote system or partition for HSL Opticonnect problems that occurred at approximately the same time this error occurred.

Collect all the Product Activity Log information for this failure on all systems and partitions on this HSL loop. Be sure to record all words in the SRCs. Contact your next level of support with the information you have collected.

Failing Item:

- AJDG301
- REM_SYS
- LOC_SYS

B6xx69CF

Explanation: HSL Opticonnect abnormal disconnect from other sys. or partition.

Response: LIC internal error. All systems participating in HSL OptiConnect will be disconnected. The system must be re-IPL'd to recover. Before re-IPL'ing the system initiate a main store dump.

After getting the dump, examine the Service Action Log (SAL), or serviceable event view you are using, on the local system or partition for HSL Opticonnect failures that occurred at approximately the same time this error occurred.

Examine the remote systems or partitions for problems. Examine the Service Action Log (SAL), or serviceable event view you are using, on the remote systems or partitions for HSL Opticonnect problems that occurred at approximately the same time this error occurred.

Collect all the Product Activity Log information for this failure on all systems and partitions on this HSL loop. Be sure to record all words in the SRCs. Contact your next level of support with the information you have collected.

B6xx69D0 • B6xx7001

Failing Item:

- AJDG301
-

B6xx69D0

Explanation: Bus Expansion Adapter card failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL
-

B6xx69D8

Explanation: Bus Expansion Adapter failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL
-

B6xx69D9

Explanation: Host Ethernet Adapter (HEA) failure.

Response: Firmware detected a hardware failure in the Host Ethernet Adapter (HEA).

Failing Item:

- HEA
-

B6xx69DA

Explanation: System log entry only, no service action required.

B6xx69DB

Explanation: LIC failure.

Response: A Licensed Internal Code error occurred. The partition will continue to run with this Host Ethernet Adapter (HEA) disabled. Perform a partition dump and then IPL the partition to recover the HEA. Send the partition dump to your next level of support.

Failing Item:

- SVCDOCS
-

B6xx69DC

Explanation: The Host Ethernet Adapter (HEA) is not connected to the Ethernet switch.

Response: The Host Ethernet Adapter (HEA) is not connected to the Ethernet switch. If the HEA connection is not needed, no service action is required.

If the HEA connection is needed, verify that the cable is connected and the switch is powered on. After repairing the problem, verify that the connection has been restored.

B6xx69DD

Explanation: The Host Ethernet Adapter (HEA) connection to the Ethernet switch has been restored.

Response: System log entry only, no service action required.

B6xx69DE

Explanation: Host Ethernet Adapter (HEA) Media Interface Adapter Failure.

Response: Firmware detected a failure in the HEA Media Interface Adapter.

Failing Item:

- HEA
 - AJDG301
-

B6xx69E0

Explanation: Bus Expansion Adapter card failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL
-

B6xx69E8

Explanation: Bus Expansion Adapter failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL
-

B6xx69F0

Explanation: Bus Expansion Adapter failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL
-

B6xx69F8

Explanation: Bus Expansion Adapter failed.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL
-

B6xx7001

Explanation: ISDN call in rejected.

Failing Item:

- UG3LB
-

B6xx7002

Explanation: Lines not selected.

Failing Item:

- UG3LB
-

B6xx7003

Explanation: Network interfaces not selected.

Failing Item:

- UG3LB
-

B6xx7004

Explanation: TCP/IP informational error.

Response: This reference code is logged when the TCP/IP Attribute Log Protocol Errors is set, and the TCP/IP System LIC silently discards an in bound datagram. Silently discard is defined to mean discard the received datagram without reporting an error to the originating host device. Examples of such datagrams are those with checksums or destination addresses which are not valid.

This reference code is for information only. Normally no action should be taken as a result of this reference code. It is generated in order to assist with remote device or TCP/IP network problem determination.

B6xx7055

Explanation: Statistics were logged, no service action required.

Response: This reference code is logged for information only.

B6xx7100

Explanation: APPN session initiation attempt has timed out.

Response: This reference code is used to indicate that LIC timed out on a request to initiate a session.

The user must run problem analysis for this reference code. If this indicates a software problem, the user should dial IBM Software Support for assistance.

The Problem Determination Procedure (PDP) will indicate whether the original timeout condition still exists and what the corrective actions should be.

Failing Item:

- AJDG301
 - UPLF3
 - UPLF1
 - UPLF2
-

B6xx7101

Explanation: APPN session initiation attempt has failed.

Response: This reference code is used to indicate that LIC attempted to satisfy a session initiation request, but some failure condition was detected by LIC. The failure condition could be a configuration or operational problem in the network.

The user must run problem analysis for this reference code. If this indicates a software problem, the user should dial IBM Software Support for assistance.

The Problem Determination Procedure (PDP) will indicate whether the original timeout condition still exists and what the corrective actions should be.

Failing Item:

- UPLF4
 - UPLF5
 - UPLF6
 - AJDG301
-

B6xx7102

Explanation: APPN CP-CP session ended.

B6xx7201

Explanation: A utility failure occurred.

Response: This reference code is for information only. The Uninterruptible Power System (UPS) is reporting a utility failure.

B6xx7202

Explanation: Utility power restored.

Response: This reference code is for information only. The Uninterruptible Power System (UPS) is reporting that utility power has been restored.

B6xx7203

Explanation: A battery low condition was detected.

Response: This reference code is for information only. The Uninterruptible Power System (UPS) is reporting a battery low condition.

B6xx7204

Explanation: Uninterruptible Power System reported a bypass active.

Response: This reference code is for information only. The Uninterruptible Power System (UPS) is reporting a bypass is active.

B6xx7205

Explanation: Battery low condition was reset.

Response: This reference code is for information only. The Uninterruptible Power System (UPS) is no longer reporting a battery low condition.

B6xx7206

Explanation: UPS reported bypass no longer active.

Response: This reference code is for information only. The Uninterruptible Power System (UPS) is no longer reporting a bypass active condition.

B6xx720A

Explanation: Battery Power Unit replacement dates do not match.

Response: The replacement dates for one of the Battery Power Units do not match. Run "Display Hardware Configuration" and verify that the dates match the labels on the batteries.

B6xx7703

Explanation: System LIC detected a program exception.

Response: Storage Management detected a DASD datacheck condition and the defective sector was reallocated.

Perform a system IPL to restart the system.

B6xx7704

Explanation: General failure detected by HRI component.

Failing Item:

- AJDG301
-

B6xx7777

Explanation: Hardware configuration change detected.

Response: A hardware resource is missing. The resource reported in to the system on a previous IPL, but has not reported in on the current IPL. This could occur for several different reasons.

1. It could be a normal situation where the resource is currently powered off. In this case, when the resource is powered back on, it will no longer be missing.
 2. The hardware resource could also be missing if it has been removed from the system, for example, a tape drive that was replaced with a different tape drive. The service representative should use the Hardware service manager to remove the entry for this resource.
-

3. The resource may not have reported in on this IPL because it is failing. Perform problem analysis to determine why the resource is failing.
-

B6xx8000

Explanation: A storage subsystem disk unit connection failed.

Response: Look for other errors in the Service Action Log (SAL), or serviceable event view you are working with, and fix them.

B6xx8001

Explanation: A storage subsystem disk unit connection failed.

Response: Look for other errors in the Service Action Log, or serviceable event view you are working with, and fix them.

B6xx8002

Explanation: Maximum number of redundant connections exceeded.

Response: An attempt to activate a connection from another I/O adapter to a storage subsystem disk unit failed because the maximum number of connections are already active for this disk unit. No action required.

B6xx8003

Explanation: A storage subsystem disk unit connection was restored.

Response: No action required.

B6xx8004

Explanation: A storage subsystem disk unit connection failed.

Response: Could not read configuration information from the disk unit. Look for other errors in the Service Action Log, or serviceable event view you are working with, and fix them.

B6xx8005

Explanation: High performance connection failed.

Response: A high performance connection to an external storage subsystem disk unit failed.

There are still two or more external storage subsystem disk unit connections, but performance might be degraded.

Look for other errors in the Service Action Log, or serviceable event view you are working with, and fix them.

B6xx8006

Explanation: High performance connection failed.

Response: A high performance connection to an external storage subsystem disk unit failed.

There is still one more external storage subsystem disk unit connection, but performance might be degraded.

Look for other errors in the Service Action Log, or serviceable event view you are working with, and fix them.

B6xx8007

Explanation: High performance connection was restored.

Response: A high performance connection to an external storage subsystem disk unit was restored.

Performance is no longer degraded.

No action required.

B6xx94FC

Explanation: D-mode IPL informational event. No service action is needed.

B6xx9999

Explanation: Call home test SRC built into LIC for testing and verification. No service action is needed.

Problem determination: None, this SRC means that a LIC call home test was triggered to determine if problem reporting functions are set up correctly.

B6xx999A

Explanation: Notification test SRC built into LIC for testing and verification. No service action is needed.

Problem determination: None, this SRC means that a LIC serviceable test was triggered to determine if problem reporting functions are set up correctly. This SRC will show up in the Problem Log but will not automatically call home.

B6xxB700

Explanation: A platform firmware error log was signalled to LIC but could not be retrieved from platform firmware. LIC created this event in the PAL with SRC B600B700 to log the problem.

Problem determination: Contact your hardware service provider. This is a platform firmware problem.

Failing Item:

- NEXTLVL

B6xxCF00

Explanation: Permanent error on removable media device.

Response: A type D IPL terminated because of a removable media Load Source device failure. If the removable media Load Source is an external device, check the cables. If that does not correct the problem, replace the device. If the removable media Load Source is an internal device, replace the device. If the removable media Load Source is a virtual device, ensure it is set up correctly.

Failing Item:

- SVCDOCS

B6xxCF01

Explanation: Unsupported removable media device configuration.

Problem determination: A type D IPL terminated because of an unsupported removable media device configuration. Retry the D-IPL with a different removable media device.

Failing Item:

- SVCDOCS

B6xxCFFC

Explanation: Optical library device condition not expected.

Response: The optical disk drive addressing within the optical library is incorrect. This error is likely to be the result of faulty cabling or switch setting following service to an optical library.

Contact your hardware service provider.

Failing Item:

- OPTLCBL
- DRVSWCH

B6xxCFFD

Explanation: Optical drive failure.

Failing Item:

- OPTLDRV

B6xxCFFF

Explanation: Media determined to be bad in Optical library.

B6xxD4C1

Explanation: LIC detected a problem in error analysis code.

Problem determination: Report this problem to your service provider.

Failing Item:

- SVCDOCS

B6xxD4C2

Explanation: LIC detected a problem in error analysis code.

Problem determination: Report this problem to your service provider.

Failing Item:

- SVCDOCS

B6xxD4C3

Explanation: LIC detected a problem in error analysis code.

Problem determination: Report this problem to your service provider.

Failing Item:

- SVCDOCS

B6xxD4C4

Explanation: LIC detected a problem in error analysis code.

Problem determination: Report this problem to your service provider.

Failing Item:

- SVCDOCS

B6xxD4C5

Explanation: LIC detected a problem in error analysis code.

Problem determination: Report this problem to your service provider.

Failing Item:

- SVCDOCS

B6xxF103

Explanation: Main storage dump must be copied for service.

Failing Item:

- LICIP01

B6xxF104

Explanation: LPAR service function directed a Main Storage Dump.

Response: The Hypervisor terminated a partition with an unresponsive Operating System. A Main Store Dump must be done for service. Call your next level of support when the dump is complete.

Failing Item:

- LICIP01

B6xxF105

Explanation: Licensed Internal Code detected error.

Failing Item:

- NEXTLVL

B6xxFDC0

Explanation: LIC program reported informational error.

Response: This reference code is logged for information only. No action required.

B6xxFDC5

Explanation: LIC program failed and data was captured.

Response: This reference code indicates first failure data capture (FFDC) data was collected for a problem reported by licensed internal code.

The user should dial IBM Software Support for assistance.

Failing Item:

- UG3AS

(B7xx) Reference codes

A B7xx reference code indicates that an event or error was detected and logged by platform firmware.

To resolve a B7xx reference code, determine if the SRC requires a service action.

If the SRC is listed in a serviceable event view, use the FRU list from the serviceable event view to determine the actions to take.

If you do not find the SRC in a serviceable event view, then it is an informational event and does not require service action.

B7000102

Explanation: Platform LIC detected an error

Response: A machine check occurred during IPL. Words 2 to 9 of this SRC contain additional diagnostic information. Record SRC words 1 through 9 before attempting to IPL again and report the problem to next level of support.

Failing Item:

- SVCDOCS

B7000103

Explanation: Platform LIC failure

Response: The platform Licensed Internal Code (LIC) detected an internal problem.

Collect all the SRC words and the platform system dump, then contact your next level of support.

Failing Item:

- NEXTLVL

B7000104

Explanation: Platform LIC failure

Response: Machine check, undefined error occurred.

Failing Item:

- LICCODE

B7000105

Explanation: Platform LIC detected an error

Response: More than one request to terminate the system was issued.

Failing Item:

- NEXTLVL

B7000106

Explanation: Platform LIC failure

Response: A secondary failure due to an invalid SRC occurred when the platform attempted to terminate.

Collect all the SRC words and the platform system dump, then contact your next level of support.

Failing Item:

- NEXTLVL

B7000107

Explanation: Platform LIC failure

Response: The server detected an unrecoverable machine check condition. Collect all the words of the SRC and the platform dump and send to your system manufacturer for analysis.

Failing Item:

- SVCDOCS

B7000200

Explanation: System firmware has experienced a low storage condition

Response: As soon as possible, collect all ASMI logs, IQQYLOGs and partition logs, if applicable. Work with the customer to determine a convenient time to perform a platform dump and re-IPL the platform.

Record the firmware level of the system, and send the platform dump and all logs to development. Check to determine if the problem is already fixed in a newer firmware level.

Problem determination: No immediate action is necessary.

Continue running the system normally. If firmware-related commands are not responding or are failing, or firmware tasks have failed (e.g. SRC B7000602), work with your service provider to take a platform dump at the earliest convenient time or service window.

B7000201 • B7000611

Failing Item:

- SVCDOCS

B7000201

Explanation: Platform firmware detected an error

Response: Work with the customer to determine a convenient time to perform a platform dump and re-IPL the platform.

Problem determination: No immediate action is necessary.

Continue running the system normally. At the earliest convenient time or service window, work with your service provider to take a platform dump.

Failing Item:

- SVCDOCS

B7000202

Explanation: The paging VIOS did not respond correctly to a LIC request.

Response: If the platform is HMC or SDMC managed:

1. If there are multiple VIOS servers running, determine which one is acting as the paging VIOS by looking at the shared memory pool properties.
2. Validate that the paging VIOS is in 'Running' state via the HMC or SDMC GUI or Command Line.
3. Verify you can access the paging VIOS console, and interact with the paging VIOS operating system.
4. If steps 2 or 3 are unsuccessful, look for other errors and perform any actions indicated to resolve those errors.

If the platform is not HMC or SDMC managed, or the above steps do not resolve the problem, contact your service provider.

Failing Item:

- SVCDOCS

B7000203

Explanation: Informational log generated by the hypervisor.

Response: No service action is required.

B7000302

Explanation: Platform LIC failure

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

Perform a platform system dump and notify your service provider. IPL the system.

Failing Item:

- LICCODE

B7000441

Explanation: Service processor failure

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

The platform encountered an error early in the IPL or termination process.

Failing Item:

- SVCPROC
- NEXTLVL

B7000443

Explanation: Service processor failure

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

Failing Item:

- SVCPROC
- NEXTLVL

B7000601

Explanation: System log entry only, no service action required

Response: Support can use this SRC and associated data to determine why the time of day for a partition was lost. No corrective action is required.

B7000602

Explanation: Platform LIC detected an error

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

Platform Licensed Internal Code (LIC) detected an error condition. The second word indicates the severity of the error and the specific error condition. If word 2 is 10000A01 then record the SRC words and call your next level of support; otherwise this does not require service.

Failing Item:

- NEXTLVL

B7000611

Explanation: System clock problem

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

For systems managed by an HMC or SDMC, use the ASM interface to reset the system clock at power on standby. For systems without an HMC or SDMC, you can ignore this error.

If the error occurs a second time, call your next level of support.

Failing Item:

- SVCDOCS

B7000621

Explanation: Informational event logged at each Platform IPL. System log entry only, no service action required

B7000641

Explanation: Platform LIC detected an error

Response: A platform LIC failure occurred. Perform a platform dump and contact your next level of support.

Failing Item:

- SVCDOCS

B7000650

Explanation: Platform LIC detected an error

Response: Resource management was unable to allocate main storage. A platform dump was started.

Words 2 to 9 of this SRC contain additional diagnostic information. Record SRC words 1 through 9. Collect the platform dump and the configuration of the memory allocation for all partitions on this system. Provide the platform dump, configuration data, and the recorded SRC information to your next level of support.

Failing Item:

- NEXTLVL

B7000651

Explanation: The system detected an error in the system clock hardware

Response: This is a serviceable event only if this error appears in a serviceable event view.

If this is a serviceable event, then work with the FRU list in the serviceable event view if there is one. Otherwise, use the FRU list documented in the Failing Items column to determine the parts to exchange.

If the system did not log this error as a serviceable event, then no service action is required.

Failing Item:

- CLCKMOD

B7000803

Explanation: System log entry only, no service action required

B7000804

Explanation: System log entry only, no service action required

B7000A00

Explanation: A user request initiated an I/O tower/drawer power off. System log entry only, no service action required.

B7000A01

Explanation: Fault indicator activation failure

Response: A failure occurred while trying to activate a fault indicator.

Look for and correct errors in the Serviceable Event View that were logged at approximately the same time as this error.

If this problem persists, contact your next level of support.

B7000A02

Explanation: A concurrent maintenance procedure has failed and left the system in an unknown state. It is unsafe to do additional concurrent maintenance procedures until the system is powered off and back on. The system will prevent you from doing these procedures. The system should be powered off and back on as soon as possible.

Response: The system must be powered off and back on.

Failing Item:

- SVCDOCS

B7000A10

Explanation: System log entry only, no service action required

Response: No action is required, unless the HMC or SDMC indicates that the concurrent platform firmware update failed. In that case, the system must be re-IPLed in order for the firmware update to occur. Collect the error log data for this SRC and contact your next level of support.

B7001160

Explanation: Service processor failure

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

The platform encountered an error communicating with the service processor. The platform code attempts a graceful shutdown of partitions and powers off the server after a certain time, or when the last partition indicates shutdown, whichever comes first.

Failing Item:

- LICCODE
- SVCPROC
- PSI_LNK

B7001161

Explanation: The platform encountered an event indicating that the power status has changed. System log entry only, no service action required

B7001162

Explanation: A platform firmware timeout occurred. A resource dump will be created and the platform will continue running.

Failing Item:

- LICCODE

B7001163

Explanation: A platform firmware timeout occurred. A resource dump already exists for this condition so a duplicated resource dump will not be created. The platform will continue running.

B7001730

Explanation: Platform LIC detected an error

Response: The VPD for the system is not what was expected at IPL.

When word 9 is 00180003, a redundant VPD chip exists, and the system will continue to run. Replace the VPD card at your next scheduled maintenance. When word 9 is not 00180003 replace the VPD card immediately.

Work with the FRU list in the serviceable event view, if there is one. Otherwise, use the FRU list documented here to determine the parts to exchange.

Failing Item:

- CAPACTY

B7001731

Explanation: Platform LIC detected an error

Response: The VPD for the system is not what was expected at IPL. The VPD on a memory DIMM is not correct and the memory on the DIMM cannot be used, resulting in reduced memory.

Work with the FRU list in the serviceable event view, if there is one. Otherwise, use the FRU list documented here to determine the parts to exchange.

Failing Item:

- MEMDIMM

B7001732

Explanation: Platform LIC detected an error

Response: The VPD for the system is not what was expected at IPL. The VPD on a processor card is not correct and the processor card cannot be used, resulting in reduced processing power.

Work with the FRU list in the serviceable event view if there is one. Otherwise, use the FRU list documented here to determine the parts to exchange.

Failing Item:

- ANYPROC

B7001733

Explanation: Platform LIC failure

Response: A Platform Licensed Internal Code error occurred. The IPL will not continue.

Look for and correct errors with SRCs of the form B1xxxxxx in the Serviceable Event View.

If there are no serviceable B1xxxxxx errors, or if correcting the errors did not correct this problem, reset the server firmware settings.

Attention: Resetting the server firmware settings results in the loss of all of the partition data that is stored on the service processor. Before continuing with this operation, make sure that you manually record all settings that you need to preserve. To reset the server firmware settings, your authority level must be Administrator or Authorized service provider.

On the ASMI Welcome pane, specify your user ID and password, and click Log In. In the navigation area, expand System Service Aids. Then select Factory Configuration. Select Reset server firmware settings and click Continue. The service processor will reboot after all settings have been reset.

If that does not resolve the problem, replace the service processor.

Failing Item:

- SVCDOCS

B700173A

Explanation: A VPD collection overflow occurred

Response: Look for and resolve other errors in the serviceable event view. If that does not resolve the problem, check for firmware updates and install them, if available. If that does not resolve the problem, contact your next level of support.

Failing Item:

- SVCDOCS
-

B700173B

Explanation: Platform LIC detected an error

Response: A platform LIC failure occurred during VPD collection.

Look for and correct errors with SRCs of the form B1xxxxxx in the Serviceable Event View. If that does not correct the problem, contact your next level of support.

Failing Item:

- SVCDOCS
-

B7004400

Explanation: There is a platform dump to collect

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

Use the operating system's interface designated to collect platform dumps.

Failing Item:

- SVCDOCS
-

B7004401

Explanation: Platform LIC failure

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

The platform LIC detected an internal problem.

Contact your next level of support.

Failing Item:

- NEXTLVL
-

B7004402

Explanation: Platform LIC failure

Response: A platform LIC error occurred while attempting to allocate the memory necessary to create a platform resource dump.

Failing Item:

- NEXTLVL
-

B7004480

Explanation: Platform DUMP Manager event

B70044C0

Explanation: Platform DUMP Manager event

B70044D0

Explanation: Platform DUMP Manager event

Response: Collect all B70044xx logs and contact your service provider.

Failing Item:

- SVCDOCS
-

B70044E0

Explanation: Platform DUMP Manager event

Response: Collect all B70044xx logs and contact your service provider.

Failing Item:

- SVCDOCS
-

B7004715

Explanation: Platform LIC detected an error

Response: A problem occurred when initializing, reading, or using system VPD.

Look for errors with SRCs of the form B1xxxxxx in the Serviceable Event View. Work those errors first. If that does not correct the problem, replace the VPD card.

Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

Failing Item:

- SVCDOCS
 - CAPACTY
-

B7004731

Explanation: Platform LIC detected an error

Problem determination: The system has been running with full Capacity on Demand resources activated. In one hour, the system will terminate and unlicensed resources will no longer be available. To prevent the system from terminating, enter an activation code of all zeroes. Then obtain the proper activation codes for the resources being used or allocate fewer resources in the LPAR configuration.

Failing Item:

- SVCDOCS

B7004733

Explanation: Platform LIC failure

Response: The Capacity on Demand function is not available. If Capacity on Demand function is required, re-IPL the system. If that does not correct the problem, contact your next level of support.

B7004750

Explanation: A Capacity on Demand change has been detected

Response: Utility Capacity on Demand resources have been activated.

B70047CB

Explanation: Fast system IPL changed to slow system IPL

Response: The data obtained from the system is not what was expected. The system will perform a slow IPL in order to obtain the correct data. If other errors occur, contact your next level of support.

B70047CC

Explanation: (N/A for external service docs)

B70047CD

Explanation: Platform LIC detected an error

Response: The server detected a not valid Capacity On Demand activation and terminated the system. The allocated resources for the system might exceed those that are available for use.

Failing Item:

- SVCDOCS
-

B70047DD

Explanation: (N/A for external service docs)

B7005120

Explanation: Platform LIC detected an error

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

If the system is not exhibiting problematic behavior, this error may safely be ignored. Otherwise, contact your next level of support.

Failing Item:

- NEXTLVL
-

B7005121

Explanation: Platform LIC failure

Response: Licensed Internal Code program exception occurred.

Platform Licensed Internal Code detected a programming problem for which a platform dump may have been initiated.

Send the system error log and the platform dump, if it occurred, to your next level of support.

Failing Item:

- NEXTLVL
-

B7005122

Explanation: Platform LIC detected an error

Response: Platform Licensed Internal Code detected that an IOP request failed.

This error indicates a failure during a search for the load source. There may be a number of these failure prior to finding a good load source. This is normal. If a B2xx3110 error is logged, a B2xx3200 or B7005122 may be posted to the control panel. Work the B2xx3110 error in the Serviceable Event View. If the system IPL hangs at B2xx3200 or B7005122 and you cannot check the SRC history, perform the actions indicated for the B2xx3110 SRC.

Failing Item:

- SVCDOCS
-

B7005123

Explanation: Platform LIC detected an error

Response: A Licensed Internal Code program exception or data collection occurred. This may indicate an IOP programming problem or an IO Adapter boot problem. Look for other errors. If no other errors are present, Licensed Internal Code has recovered from any exception conditions, or this SRC has logged informational platform boto or hardware data.

B7005190

Explanation: PHYP VIO has detected that partition software has created an error condition.

B7005191

Explanation: A virtual adapter configuration error occurred.

A partition tried to use a virtual adapter which is associated with another virtual adapter in a remote partition and virtual slot. However, either no virtual adapter is configured there, or the wrong kind of virtual adapter is configured there.

The partition ID of the virtual adapter with the problem is in word 4 of the SRC (in hexadecimal format). The virtual slot number of the adapter with the incorrect configuration is the last four digits of word 6 of the SRC (in hexadecimal format).

Problem determination: Use the HMC or SDMC to verify or reconfigure the incorrect virtual adapter configuration. If the configuration is correct, contact your service provider.

Failing Item:

- SVCDOCS
- LICCODE

B7005209

Explanation: Platform LIC detected an error

Response: System Licensed Internal Code detected an IOP timeout during IOP IPL.

This may be caused by loose connections, improperly seated cards, media, or removeable media drive not in a ready state. Look for other errors.

B7005219

Explanation: Platform LIC detected an error. Information only, no service action required.

B7005300

Explanation: Platform LIC detected a failure while partitioning resources

Response: Platform partitioning code encountered an error. This SRC represents a large number of possible problems, most of which involve the platform Licensed Internal Code (LIC). Work any error logs found in the Serviceable Event View. If this fails to correct the problem, or if there are no other errors, contact your next level of support.

B7005301

Explanation: An LPAR configuration problem was detected.

Response: System detected a problem with the Logical Partition (LPAR) Configuration.

Use the Hardware Management Console to reconfigure the LPAR configuration.

Check the HMC or SDMC partition state.

1. If in Recovery state then use the HMC or SDMC to perform "Recovering partition data on a managed system".
2. Use HMC or SDMC to activate partitions

If the problem persists, collect a system dump and contact your next level of support.

Failing Item:

- SVCDOCS

B7005302

Explanation: An unsupported Preferred Operating System was detected

Response: The Preferred Operating System specified is not supported. The IPL will not continue. Use ASMI to select a supported Preferred Operating System and then, re-IPL the system.

Failing Item:

- SVCDOCS

B7005303

Explanation: An unsupported Preferred Operating System was detected

Response: The Preferred Operating System specified is not supported. The IPL will continue. Use ASMI to select a supported Preferred Operating System and then, re-IPL the system.

Failing Item:

- SVCDOCS

B7005304

Explanation: The number of available World Wide Port Names (WWPN) is low.

Problem determination: To obtain an additional WWPN root, please contact your system vendor.

Failing Item:

- SVCDOCS

B7005305

Explanation: There are no remaining World Wide Port Names (WWPN).

Problem determination: To obtain an additional WWPN root, please contact your system vendor.

Failing Item:

- SVCDOCS

B7005306

Explanation: There is insufficient licensed memory for firmware to support the manufacturing default configuration partition.

Problem determination: There are two possible solutions to this issue: (A) Contact IBM or marketing representative to obtain an activation code to license more memory in the system; or (B) Use management console to configure a partition with less memory.

Failing Item:

B7005400 • B7005603

- SVCDOCS

B7005400

Explanation: Computational Gard has detected a flawed processor which will be shut off.

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

The platform detected a problem with a processor. The processor is not functional.

Look in the Serviceable Event View for a B1xx xxxx error that implicates a processor.

If the Serviceable Event View contains no B1xx xxxx error, or if resolving the error fails to correct the problem, contact your next level of support.

Failing Item:

- SVCDOCS

B7005433

Explanation: The requested memory to be mirrored is now only partially mirrored due to a hardware issue.

Response: If a repair action was in progress, check for deconfigured memory. If that memory was a part of the service action and was replaced, disregard this SRC. Otherwise, if no service action involving memory was being performed, check the serviceable event view for memory-DIMM related errors and take the appropriate service action for repair.

Failing Item:

- SVCDOCS

B7005442

Explanation: Platform LIC detected an error

Response: The system will terminate.

Collect all the SRC words and the platform system dump, and then contact your next level of support.

Failing Item:

- ANYPROC
- NEXTLVL

B70054DD

Explanation: System log entry only, no service action required

Response: A processor checkstop recovery occurred. A previous error log should provide notification of the failure, as well as any necessary service action.

This error log provides additional information regarding the detected reason for the failure and the recovery action taken.

B7005600

Explanation: System log entry only, no service action required.

Response: An attempt to initialize, read or use system VPD was unsuccessful. No action is required for this SRC.

Look for other hardware errors in the Serviceable Event View and if present, perform the actions indicated.

B7005601

Explanation: Platform LIC failure

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

There was a problem initializing, reading, or using system VPD.

Failing Item:

- NEXTLVL

B7005602

Explanation: Platform LIC detected an error

Response: The system has out-of-date VPD LIDs. Contact IBM support for new VPD LIDs.

Failing Item:

- NEXTLVL

B7005603

Explanation: Enclosure feature code and/or serial number not valid.

Platform Licensed Internal Code detected invalid VPD (feature code and/or serial number) for a System or I/O Enclosure. The invalid VPD may prevent the use of Concurrent Maintenance on any FRU in the enclosure and prevent hardware errors from being reported correctly, so it should be fixed at the next opportunity.

Response: Look at the FRU callout list in the serviceable events view for the B7005603 SRC to obtain the location information which contains the invalid feature code and/or serial number.

Note: This SRC does not require a service action if the location information is "U####.###.#####".

Next, find the System or I/O enclosure associated with this location, and locate the enclosure's physical label which contains the correct feature code and serial number.

Depending on whether the invalid VPD is for a System or I/O Enclosure, use the procedure below to correct the VPD.

If System enclosure:

Note: the system must be powered off prior to changing the System Enclosure VPD.

1. Using ASM, select: System Configuration -> Program Vital Product Data -> System Enclosures.
2. Update the feature code and/or serial number with the correct value, and then Save the changes.

If I/O expansion unit:

1. Using ASM, select: System Configuration -> Configure I/O Enclosures -> Change Settings.
2. Update the feature code and/or serial number with the correct value, and then Save the changes.

If the problem has not been resolved, contact your next level of support.

Failing Item:

- SVCDOCS

B7006900

Explanation: PCI host bridge failure

Response: If you find a B7006981 SRC logged at about same time and listing parts from same enclosure as one of the FRUs here, then close this problem and work the B7006981 SRC.

Work with the FRU list in the serviceable event view, if there is one. Otherwise, use the FRU list documented here to determine the parts to exchange.

If the Serviceable Event View is not available, use the failing item list presented here for servicing this reference code.

Failing Item:

- PRI_PCI
- MA_BRDG
- MABIP50
- PIOCARD

B7006906

Explanation: System bus error

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

Failing Item:

- SIIOADP

B7006907

Explanation: System bus error

Response: If this event appears in a serviceable event view, work with the failing item list found there. If this

event does not appear in a serviceable event view, no service action is required.

Failing Item:

- SIIOADP
- LICCODE

B7006908

Explanation: System bus error

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

Failing Item:

- SIIOADP
- MA_BRDG

B7006909

Explanation: System bus error

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

Failing Item:

- SIIOADP
- MA_BRDG
- LICCODE

B7006911

Explanation: Platform LIC unable to find or retrieve VPD LID file.

Response: Collect error logs and contact next level of support.

Failing Item:

- NEXTLVL

B7006912

Explanation: Platform LIC unable to find or retrieve VPD LID file.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL

B7006913

Explanation: VPD associated with an occupied PCI slot does not contain a PCI slot power value.

Response: Platform firmware update is required.

Failing Item:

- LICCODE

B7006944

Explanation: Platform LIC detected an error

Response: A system bus appears to be empty. If the bus is not empty, a hardware or configuration problem might exist. Look for other errors.

B7006950

Explanation: Platform LIC detected an error

Response: A platform dump has occurred. The system has lost all the configured system settings (such as the HMC or SDMC access and ASMI passwords, time of day, network configuration, hardware deconfiguration policies, etc.) that you might have set through user interfaces. Also, the system has lost the platform error logs and partition-related information, and the service processor is reset. Perform the recovery actions for the SVCPROC FRU but do not replace the service processor. The platform dump should be sent to your service provider.

Failing Item:

- SVCDOCS

B7006951

Explanation: Platform LIC detected an error

Response: An error occurred because a partition needed more NVRAM than was available.

The partition is still functional, but is operating in a degraded mode. Configuration information may be lost at the next IPL. In order to make more NVRAM available, delete one or more partitions.

Failing Item:

- SVCDOCS

B7006952

Explanation: NVRAM was cleared. System log entry only, no service action required

B7006953

Explanation: NVRAM unavailable following service processor reset/reload.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL

B7006954

Explanation: An NVRAM failure was detected.

B7006955

Explanation: An NVRAM failure was detected.

B7006956

Explanation: An NVRAM failure was detected.

Response: Contact your next level of support.

Failing Item:

- NEXTLVL

B7006965

Explanation: Platform LIC detected an error

Response: Unknown hardware detected. Look for other errors.

B7006970

Explanation: PCI host bridge failure

Response: If this event does not appear in a serviceable event view, no service action is required.

If this event appears in a serviceable event view, and if you find a B7006981 SRC logged at about the same time and listing parts from the same enclosure as one of the FRUs listed in the serviceable event view for B7006970, then close this problem and work the B7006981 SRC. Otherwise, work on the B7006970 SRC.

Failing Item:

- SIIOADP
- MA_BRDG
- MABIP50
- PIOCARD

B7006971

Explanation: PCI secondary bus failure

Response: If this event appears in a serviceable event view, work with the failing item list found there. If this event does not appear in a serviceable event view, no service action is required.

Failing Item:

- MABIP51
- PIOCARD
- MASBUS
- MA_BRDG

B7006972

Explanation: System bus error

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

Failing Item:

- MA_BRDG
- PRI_PCI

B7006973

Explanation: System bus error

Response: If you find a B7006981 SRC logged on the same expansion unit as one of the FRUs here, then close this problem and work the B7006981 SRC. Use the unit value of the location codes to determine if the expansion unit is the same.

Work with the FRU list in the serviceable event view, if there is one. Otherwise, use the FRU list documented here to determine the parts to exchange.

Failing Item:

- PIOCARD
- MA_BRDG
- PRI_PCI
- MASBUS

B7006974

Explanation: IOP rejected the assignment of an IOA

Response: An I/O Processor rejected the assignment of an I/O Adapter during the IPL of an IBM i Operating System partition.

If the partition IPLed successfully, this event is logged for information only. No service action is required.

If the partition failed to IPL, replace the IOA. If that does not resolve the problem, replace the IOP that controls the IOA.

The Direct Select Address (DSA) of the IOA is in word 7 of the SRC. In order to find the location of the IOA, see DSA translation to get the unit type in which the IOA is located. Then using the DSA and unit type, find the location of the IOA.

B7006978

Explanation: The Processor Serial Interface (PSI) link failed. Look for B1xx SRCs that were logged at approximately the same time that this SRC occurred and resolve them. System log entry only, no service action required.

B7006979

Explanation: System log entry only, no service action required

B700697C

Explanation: Connection from service processor to system processor failed

Response: Look for B1xxxxxx SRCs in the Serviceable Event View and resolve them.

If there are no B1xxxxxx SRCs logged, then replace the failing items listed in the Serviceable Event View, if they are available. Otherwise, work with the failing items listed here.

Failing Item:

- SVCDOCS
- PSI_LNK

B7006980

Explanation: RIO, HSL or 12X controller failure

Response: If the serviceable event view contains a FRU list, work with those FRUs. Otherwise, exchange the failing items listed here.

NOTE: A fiber optic cleaning kit may be required for optical RIO or HSL connections.

A platform dump has occurred. Send the dump to your service provider.

Failing Item:

- SICNTRL
- LICCODE
- OPT_CLN

B7006981

Explanation: RIO, HSL or 12X I/O bridge failure

Response: If you find a 1xxx SRC (excluding SRC 10009137) logged on the same expansion unit as one of the FRUs here, then close this problem and work the 1xxx SRC. Use the unit value of the location codes to determine if the expansion unit is the same.

If the 4 rightmost characters of word 4 in the reference code equals "3222", it indicates that this I/O bridge error occurred because of multiple node/processor failures. Close this problem, and look in the Serviceable Event View for B1xx xxxx errors that implicate processors and ensure that service action is taken to resolve the B1xx xxxx errors. If the Serviceable Event View contains no B1xx xxxx errors, or if resolving those errors fails to correct the problem, contact your next level of support.

For all other cases, work with the FRU list in the serviceable event view, if there is one. Otherwise, use the FRU list documented here to determine the parts to exchange.

Failing Item:

- SVCDOCS

B7006982 • B7006983

- SIOADP
- HSL_LNK

B7006982

Explanation: RIO, HSL or 12X connection failure

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

NOTE: A fiber optic cleaning kit may be required for optical RIO or HSL connections.

Failing Item:

- RIOIP11
- HSL_LNK
- OPT_CLN
- FRPORT
- TOPORT

B7006983

Explanation: An invalid RIO, HSL or 12X configuration was detected.

Response: The four rightmost characters of word 4 in the reference code represent the Program Return Code (PRC), which describes the problem detected. The four leftmost digits of word 7 represent the loop number in hexadecimal format. Use the DSA translation procedure to convert the loop number to a location.

To determine the problem, find the PRC in the list below.

Note: The FRU description in the serviceable event view may already contain a message that identifies the problem.

- xxxx 0000 indicates bus numbers were not assigned. Contact your next level of support.
- xxxx 0008 indicates the system serial number is not set. Set the serial number on the system unit. If the problem persists contact your next level of support.
- xxxx 029A indicates an unsupported I/O expansion unit hardware level. Upgrade the expansion unit hardware to a supported level.
- xxxx 0454 indicates incompatible I/O expansion unit types have been detected on the same loop. To correct the problem, remove the recently added/configured expansion unit from the loop.
- xxxx 3201 indicates there are HSL OptiConnect clustered systems on both RIO or HSL loops on the same adapter. You will need to ensure that only one RIO or HSL loop per adapter is used for HSL OptiConnect.
- xxxx 3211 indicates two or more HSL adapters are connected to each other on the same system unit. This is not a supported configuration. Re-cable the system so that it has a supported configuration.

- xxxx 3212 indicates the HSL adapter hardware level does not support HSL OptiConnect. Upgrade your HSL adapter hardware to a supported level for HSL OptiConnect.
- xxxx 3213 indicates that the switchable I/O expansion unit configuration is not valid. Re-cable your HSL OptiConnect so that it has a supported configuration.
- xxxx 3217 indicates there is a model 5791, 5792, or 5794 I/O expansion unit on a loop with clustered systems. This is not a supported configuration.
- xxxx 3218 indicates a concurrent I/O expansion unit add is not allowed due to an incomplete loop. Look for and resolve errors on the loop.
- xxxx 3219 indicates the 12X cable port connections to the backplane or riser card of the I/O expansion unit have been reversed. Return the cables to their previous port connections.
- xxxx 321A indicates that a 12X I/O backplane is connected to two different I/O hubs. Correct the cabling so that the 12X I/O backplane is connected to only one I/O hub.
- xxxx 321B indicates that an I/O hub detected a different type of I/O hub on a 12X loop. This is not a supported configuration. Correct the cabling for the system.
- xxxx 321C indicates that an invalid 12X I/O expansion unit remove was detected. A hot remove was performed for an I/O enclosure expansion unit that has slots owned by partitions. Replug the cables before taking any other actions. If you had intended to perform a 12X I/O expansion unit remove, follow the proper procedure.
- xxxx 321D indicates that a 12X I/O expansion unit add was not successful because previous 12X I/O expansion unit adds have resulted in reaching a resource limit, and no I/O expansion units can be added to this loop until after a platform IPL. The loop is currently not complete. To return the loop to the previous configuration, remove the 12X I/O expansion unit.
- xxxx 321F indicates an invalid 12X I/O expansion unit replace was detected. This may occur if attempting to remove an I/O expansion unit on a loop with other failed I/O expansion units. A remove action is not supported when there are other failures on the loop. If the loop is complete, it may have recovered. Verify the loop configuration is as expected.

If the problem still exists, contact your next level of support.

This ends the procedure.

Failing Item:

- SVCDOCS

B7006984

Explanation: System log entry only, no service action required

Response: A RIO, HSL or 12X loop has switched to its alternate path. This is an informational SRC only.

If word 2 of the SRC contains "00000062", then word 7 contains the loop number in the leftmost 4 digits. The loop number is in hexadecimal format. You must convert the hexadecimal loop number into decimal format to recognize the loop number.

If word 2 of the SRC contains "00000072", then word 7 contains the DRC index of the hub reporting the error.

This SRC can be caused by a tower on the RIO, HSL or 12X loop powering off.

This SRC may also appear in a Serviceable Event View you are using, with a B700 6982 or B700 6981 logged at approximately the same time. In that case the other SRC is reporting a failure and this SRC is reporting that the alternate RIO, HSL or 12X path is now being used. Service the other SRC if present.

B7006985

Explanation: RIO, HSL or 12X loop status message

Response: This is a serviceable event only if this error is in a serviceable event view. If this is a serviceable event then perform RIOIP12. Otherwise if this is NOT a serviceable event then to determine what this SRC means use symbolic FRU SIRSTAT.

Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

NOTE: A fiber optic cleaning kit may be required for optical RIO or HSL connections.

Failing Item:

- SVCDOCS
- HSL_LNK
- OPT_CLN
- FRPORT
- TOPORT

B7006986

Explanation: System bus error

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

If the Serviceable Event View is not available then use the failing item list presented here for servicing this reference code.

Failing Item:

- TWRCARD

- PWRCBL

B7006987

Explanation: RIO, HSL or 12X connection failure

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

If the Serviceable Event View is not available then use the failing item list presented here for servicing this reference code.

Failing Item:

- HSL_LNK
- OPT_CLN

B7006988

Explanation: An unrecoverable memory error caused a tower failure.

Response: Look for any B12xE500 SRCs which require service action, and perform the actions indicated to resolve the memory failure.

After completing those actions, you will need to power the failing tower off/on to recover.

Failing Item:

- SVCDOCS

B7006989

Explanation: I/O expansion drawer cables are incorrectly connected.

Response: Service should determine the 12X cable configuration at the system connectors that existed prior to the repair action and return the cables to the original position. System firmware will detect when the cables have been returned to the proper position and restart the affected I/O drawers. The location code of the I/O hub is identified in the error log.

Failing Item:

- SVCDOCS

B7006990

Explanation: Service processor failure

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

If the Serviceable Event View is not available then use the failing item list presented here for servicing this reference code.

Failing Item:

- PSI_LNK

B7006991

Explanation: Platform LIC failure

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

Failing Item:

- LICCODE

B7006993

Explanation: Service processor failure

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

Failing Item:

- SVCPROC
- LICCODE

B7006994

Explanation: Service processor failure

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

If the Serviceable Event View is not available then use the failing item list presented here for servicing this reference code.

Failing Item:

- SVCPROC

B7006995

Explanation: User intervention required

Response: The system is in the process of terminating.

When all the partitions have terminated, an SRC indicating the exact cause will be shown on the operator panel.

If the system does not terminate in a reasonable amount of time, one or more partitions may need to be terminated manually. If this is not possible, re-IPL the system and look for errors. If no errors are found, contact your next level of support.

B70069C2

Explanation: HSL OptiConnect established a normal connection to another system or partition. System log entry only, no service action required.

B70069C3

Explanation: HSL OptiConnect disconnected normally from a remote node. System log entry only, no service action required.

B70069C6

Explanation: Platform LIC detected an error

Response: Abnormal or unexpected HSL OptiConnect disconnection from a remote system or partition.

The local system or partition disconnected from a remote system or partition due to an unexpected event or failure. The problem, which most likely originates with the remote system or partition, probably requires intervention at the remote system. Examine both the local and remote HSL OptiConnected systems or partitions for problems on this RIO or HSL loop.

Possible reasons include: A fatal software or hardware error in the remote system or partition, or a power failure in the remote system.

If a complete RIO or HSL loop did not exist before this error occurred, the cause of this error might be a failure or power down in a RIO or HSL component between the local system or partition and the remote system or partition. Check for a problem with the following:

- A RIO or HSL cable
- The RIO or HSL I/O bridge
- Power in an expansion I/O tower or unit on this loop

On the local system or partition, examine the Service Action Log (SAL) or serviceable event view. Look for RIO or HSL failures that occurred on the same RIO or HSL loop at approximately the same time as this error.

Examine the remote system or partition for problems. If the remote system or partition is powered on and IPL'd, examine the SAL or serviceable event view on the remote system or partition. Look for problems on the same RIO or HSL loop that occurred at approximately the same time as this error.

Correct any problems you find with the remote and local systems or partitions that happened at approximately the same time and involve HSL Opticonnect or RIO or HSL loop components.

When the remote system is IPL'd, it will automatically reconnect with this system or partition. If you find no problems with either the local or the remote systems or partitions, collect all the Product Activity Log (PAL) information for this failure on both systems. Be sure to record all words in the SRC. Contact your next level of support.

Failing Item:

- SVCDOCS

- LICCODE

B70069C7

Explanation: Platform LIC detected an error

Response: Abnormal or unexpected HSL OptiConnect disconnection from a remote system or partition.

The local system or partition disconnected from a remote system or partition due to an unexpected event or failure. Licensed Internal Code will attempt to recover from the error. Intervention at the local or remote system or partition might be required.

Possible causes include time out, hang, or hardware failure. The problem may be with the local system or partition or the remote system or partition. If a complete RIO or HSL loop did not exist before this error occurred, the cause of this error might be a failure or power down in a RIO or HSL component between the local system or partition and the remote system or partition. Check for SRCs with FRUs that indicate problems with the following:

- RIO or HSL cables
- The RIO or HSL I/O bridge
- Power in an expansion I/O tower or unit on this loop

On the local system or partition, examine the SAL or serviceable event view. Look for failures on the same loop or with the RIO or HSL controller that occurred at approximately the same time as this error.

Examine the remote system or partition for problems. Correct any RIO or HSL controller problems you find with the remote and local systems or partitions. If you find no problems with either the local or the remote systems or partitions, collect all the PAL information for this failure on both systems. Be sure to record all words in the SRC. Contact your next level of support.

Failing Item:

- SVCDOCS
- LICCODE

B70069C8

Explanation: Platform LIC detected an error

Response: Abnormal or unexpected HSL OptiConnect disconnection from a remote system or partition.

The local system or partition disconnected from a remote system or partition due to an unexpected event or failure. All of the HSL OptiConnect connections on this loop will be in a failed state. Licensed Internal Code will attempt to recover from the error.

Intervention at the local or remote system or partition might be required. Possible causes are:

- Time out of a critical message
- Licensed Internal Code code / table problem

- Network deadlock detected

The problem may be with:

- The local system or partition
- The remote system or partition

On the local system or partition, examine the SAL or serviceable event view. Look for RIO or HSL failures on the same RIO or HSL loop or with the RIO or HSL controller that occurred at approximately the same time as this error.

Examine the remote system or partition for problems. On the remote system or partition, examine the SAL or serviceable event view. Look for problems on the same RIO or HSL loop or with the RIO or HSL controller that occurred at approximately the same time as this error.

Correct any problems you find with the remote and local systems or partitions that happened at approximately the same time and involve HSL Opticonnect or RIO or HSL loop components.

If there are no problems with the remote system or partition and there are no problems with the local system or partition then collect all the Product Activity Log information for this failure on all systems or partitions. Be sure to record all words in the SRCs. Contact your next level of support.

Failing Item:

- SVCDOCS
- LICCODE

B70069C9

Explanation: Platform LIC detected an error

Response: Abnormal or unexpected HSL OptiConnect disconnection from a remote system or partition.

The local system or partition disconnected from a remote system or partition due to an failure in a Licensed Internal Code virtualized bus unit. Licensed Internal Code will attempt to recover from the error.

Possible causes are:

- Licensed Internal Code problem where the local bus unit is offline.
- Licensed Internal Code problem where the remote bus unit is offline.

On the local system or partition, examine the SAL or the serviceable event view. Look for HSL Opticonnect failures that occurred at approximately the same time as this error.

Examine the remote system or partition for problems. On the remote system or partition, examine the SAL or

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the serviceable event view. Look for HSL Opticonnect problems that occurred at approximately the same time as this error.

Collect all the Product Activity Log information for this failure on all systems and partitions on this RIO or HSL loop. Be sure to record all words in the SRCs. Contact your next level of support.

Failing Item:

- SVCDOCS
 - LICCODE
-

B70069CF

Explanation: Platform LIC detected an error

Response: Abnormal or unexpected HSL OptiConnect disconnection from a remote system or partition.

Licensed Internal Code internal error. All systems participating in HSL OptiConnect will be disconnected. You must re-IPL the system to recover. Before re-IPL'ing the system, start a platform dump.

On the local system or partition, after getting the dump, examine the SAL or the serviceable event view. Look for HSL Opticonnect failures that occurred at approximately the same time as this error.

Examine the remote systems or partitions for problems. On the remote systems or partitions, examine the SAL or the serviceable event view. Look for HSL Opticonnect problems that occurred at approximately the same time as this error.

Collect all the PAL information for this failure on all systems and partitions on this RIO or HSL loop. Be sure to record all words in the SRCs. Contact your next level of support.

Failing Item:

- SVCDOCS
 - LICCODE
-

B70069D2

Explanation: The 12X link is noisy, and has hit a threshold on bad packets.

Response: If SRC B7006982 is in the serviceable event view, perform the actions listed for that SRC. If B7006982 is not present, work with the SRC B70069D2 FRU list in the serviceable event view. For an Internal link failure, the I/O backplane (TWRBKPL) is the probable cause. For an External link failure, the probable FRUs are listed below.

Problem determination: For external links, unplug and replug the 12X cables to see if the problem corrects itself. Only unplug one cable at a time starting with the cable identified in the FRU list. Unplug both ends of the cable and keep the cable unplugged for at least 30 seconds before replugging the cable. If the system is

managed by a management console, use the Hardware Topology utility to verify the link is operational before unplugging the second cable or before attempting service on any other 12x cables.

Failing Item:

- SVCDOCS
 - HSL_IB
 - FRPORT
 - TOPORT
-

B70069D9

Explanation: Host Ethernet Adapter (HEA) failure

Response: Firmware detected a hardware failure in the Host Ethernet Adapter (HEA).

Failing Item:

- HEA
-

B70069DA

Explanation: A non-terminating Host Ethernet Adapter error was detected. System log entry only, no service action required

B70069DB

Explanation: Platform LIC failure

Response: A Platform Licensed Internal Code error occurred. The system will continue to run this Host Ethernet Adapter (HEA) disabled. Perform a platform dump and then IPL the system to recover the HEA. Send the platform dump to your next level of support.

Failing Item:

- SVCDOCS
-

B70069E1

Explanation: Host Channel Adapter (HCA) failure

Response: The 12X Host Channel Adapter has failed.

Failing Item:

- HCA
-

B70069E2

Explanation: Platform LIC failure

Response: A Platform Licensed Internal Code error occurred related to 12X technology. The system will continue to run with this Host Channel Adapter disabled. Perform a platform dump prior to IPLing the system. An IPL is required to recover the Host Channel Adapter.

Failing Item:

- LICCODE

B70069E3

Explanation: System log entry only, no service action required

Response: Part of the HCA chip failed but was not terminating. When thresholded, these errors will result in a B70069E1.

B70069E4

Explanation: An invalid 12X configuration was detected

Response: An error was detected in the 12X fabric. Have the customer check for problems reported at the IBM Network Manager. This includes cases such as path migration, etc.

Failing Item:

- SVCDOCS
-

B70069E5

Explanation: System log entry only, no service action required

Response: A 12X communications error occurred. Unrecognized command from Subnet Manager. Does not require service.

B70069E6

Explanation: System log entry only, no service action required

Response: The cable connection to the 12X switch is broken. Verify that the cable is connected and the switch is powered on. After repairing the problem, verify that the connection has been restored by using the IBM Network Manager. Does not require service.

B70069E7

Explanation: System log entry only, no service action required

Response: The cable connection to the 12X switch has been restored. No service action required.

B70069E9

Explanation: System log entry only, no service action required

Response: Initial communication has occurred with the Subnet Manager. No service action required. The CEC and switch firmware are now communicating.

B70069EA

Explanation: System log entry only, no service action required

Response: Subnet Manager connection is established. No service action required.

B70069EB

Explanation: User intervention required

Response: A 12X configuration error was detected by the HCA. Verify that the 12X configuration is correct at the HCA. The Port 1 and 2 configurations conflict.

Failing Item:

- SVCDOCS
-

B70069EC

Explanation: User intervention required

Response: A 12X adapter in the server does not support connections to I/O enclosures.

Upgrade the adapter at the location given in the serviceable event view to a new version. Contact support for assistance.

Failing Item:

- SVCDOCS
-

B70069ED

Explanation: RIO or 12X link is not operating at optimal bandwidth

Response: An RIO 12X cable connection initialized to a lower signal frequency. The link is operational but operating at a bandwidth below its rated capacity. This may lead to degraded I/O throughput.

Perform the RIOIP56.

Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

Failing Item:

- SVCDOCS
 - HSL_IB
 - FRPORT
 - TOPORT
-

B70069EE

Explanation: I/O unit backplane is not operating at optimal bandwidth

Response: Replace the I/O unit backplane at your next scheduled maintenance.

Failing Item:

- TWRBKPL

B70069F1

Explanation: I/O Controller had a permanent unrecoverable failure.

This is a permanent HW failure of the Hub chip. The Location Code in the error log is the FRU that should be replaced.

All downstream IO is failed as a side-effect of this failure. Any and all of these downstream failures should be ignored and removed from the error log. Use the I/O Controller Location Code and procedure MABIP57 to determine the downstream IO affected by this failure.

Response: Collect Error Logs and Info Logs. Replace the I/O Controller in the FRU list and send the failed FRU in for fault analysis with the error log data. Clear the error log of any IOA or Bus Adapters failures that are downstream of the I/O controller.

Failing Item:

- SVCDOCS
- SICNTRL

B70069F2

Explanation: I/O Controller had a temporary failure which has been recovered. Do not replace any FRUs.

Some or all downstream IO may have failed and logged EEH errors logged around time of I/O Controller failure. In most cases, the recovery should complete without any impact to IO. This error is logged as a Serviceable Event to help correlate it with the EEH errors, if they happen to get logged. Use the I/O Controller Location Code and procedure MABIP57 to determine the downstream IO affected by this failure. Check to see if all the downstream I/O Adapters recovered. If there are I/O Adapters in a failed state, the partition to which the failed I/O adapter is connected/owned may need to be re-IPLed to complete recovery. If there are errors logged for any of the downstream adapters or Bus Adapters, close the errors.

Response: Service should correlate this recovered/self healed action with any possible EEH failures. From the Controller identified, determine what IO backplanes or IB Switches (HCA configuration) are connected. For each IO backplane, determine if any IOAs are in failed states and to which partitions they belong. The partition may need to be restarted to complete the recovery of a failed IOA. There may be no EEH errors, in which case this error can be ignored.

Failing Item:

- SVCDOCS

B70069F3

Explanation: I/O Controller failed.

The I/O Controller received repeated recoverable failures (see B70069F2) in a short period of time reaching a threshold limit, thus turning it into a Serviceable Event. The I/O Controller in the FRU list should be replaced. Use the I/O Controller Location Code and procedure MABIP57 to determine the downstream IO affected by this failure.

All downstream IO may have failed (EEH errors logged around time of I/O Controller failure). Use the I/O Controller Location Code to determine the downstream IO affected by this failure. If there are errors logged for any of the downstream IO adapters or Bus Adapters, close the errors.

Response: Service should correlate this failure with all the EEH failures associated with it. From the Controller identified, determine what IO backplanes or IB Switches (HCA configuration) are connected. For each IO backplane and all IOAs which are in failed states, determine to which partitions the IOAs belong, The partition/application may need to be restarted to recovery if it can run without the failed IOA(s). No service action should be taken against the IOAs. The hub FRU should be replaced. Collect the error logs and info logs around the time of failure and the IO configuration.

Problem determination: Call next level of support.

Failing Item:

- SVCDOCS
- SICNTRL

B70069F4

Explanation: I/O Controller Failure, Controller not responding or not reachable. All IO downstream of this Controller will be in a failed state. If there are any errors logged for those I/O Adapters, they should be closed. Use the I/O Controller Location Code and procedure MABIP57 to determine the downstream IO affected by this failure.

The I/O Controller is not responding. Look in the Serviceable Event View for B130E5xx SRCs logged at about the same time. If you find any, then close the B70069F4 SRC, and work to resolve the B130E5xx SRC.

Response: Look in the Serviceable Event View for B130E5xx SRCs logged at about the same time. If you find any, then close the B70069F4 SRC, and work to resolve the B130E5xx SRC. Otherwise, proceed as indicated below.

If there are errors logged against I/O Adapters on this loop, do not replace any I/O Adapter hardware.

Collect the loop configuration of the system. Then work with your service provider to collect error logs. Work with the FRU list in the Serviceable Event View if there

is one. Otherwise, use the FRU list documented here to determine the parts to exchange.

Failing Item:

- SVCDOCS
- SICNTRL

B70069F5

Explanation: I/O Controller failure

I/O Controller (GX++ adapter) detected an invalid firmware action, all downstream IO is failed. Possibly corrupted code. So either code has been/is corrupted or is corrupted on the way to the HW or HW is incorrectly diagnosing the problem.

All downstream IO is failed as a side-effect of this failure. Any and all of these downstream failures should be ignored and removed from the error log. Use the I/O Controller Location Code and procedure MABIP57 to determine the downstream IO affected by this failure.

Response: The I/O Controller detected a failure. All I/O Adapters connected to this controller will be in a failed state.

If there are errors logged against I/O Adapters downstream of this Controller, do not replace any IO Adapter hardware. This SRC is the root cause.

Work with your service provider to collect Error logs, Info logs, platform dump. Then, check for and load latest service pack. If that doesn't solve the problem, replace I/O Controller FRU.

Problem determination: N/A.

Failing Item:

- SVCDOCS
- SICNTRL
- LICCODE

B70069FA

Explanation: Unrecoverable 12X I/O Bridge failure.

Response: Collect error logs and info logs. Replace the 12X I/O Bridge FRU in the I/O enclosure, and send the failed FRU with the error log data to IBM for fault analysis.

Failing Item:

- SIADPCD

B70069FB

Explanation: 12X I/O Bridge recovered; Do NOT replace any FRUs.

B70069FC

Explanation: 12X I/O Bridge recovery failure

Response: The 12X I/O Bridge FRU should be replaced. I/O slots associated with the 12X I/O Bridge FRU may have been affected, causing I/O adapters to be in a failed state. No service action should be taken against the I/O adapters, but partitions which were using these failed I/O adapters may require actions to restart affected applications. Collect error logs which occurred around the same time as this SRC, as well as the I/O configuration, and send to IBM.

Failing Item:

- SIADPCD

B70069FD

Explanation: 12X I/O Bridge failure

Response: If there are any Power Problems (SRC 1xxxxxxx) in the serviceable event view, perform the actions indicated. Otherwise, collect error logs and all configuration data associated with the failing 12X I/O Bridge adapter, including I/O backplanes and I/O adapters associated with the loop. Look for power faults for the related drawer/backplane. and check 12X cables and power cables for good connections. If the problem persists, contact your next level of support.

Failing Item:

- SVCDOCS

B70069FE

Explanation: 12X I/O Bridge failure

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange. If this does not resolve the problem, collect error logs, work with the customer to collect a platform dump, and check for firmware service pack updates.

Failing Item:

- SIADPCD
- LICCODE

B7006A00

Explanation: P7-IH Hub (Power Bus Attachment) had a permanent unrecoverable chip failure. All coherent and non-coherent cluster traffic via the Host Fabric Interface (HFI) as well as all PCIe traffic through this P7-IH Hub is disabled.

Failing Item:

- IH_HUB

B7006A01

Explanation: P7-IH Hub Collectives Acceleration Unit (CAU) had a catastrophic unrecoverable error. The CAU is disabled and the P7-IH Hub can continue to function with the exception of the performance enhancing collectives accelerator. PCIe traffic through this P7-IH Hub is unaffected.

Failing Item:

- IH_HUB

B7006A02

Explanation: P7-IH Hub Nest Memory Management Unit (NMMU) had a catastrophic unrecoverable error. The NMMU is disabled thereby providing no further address translation capability for the HFI units. This prevents non-coherent cluster traffic from flowing to/from the Integrated Switch Router (ISR) using HFI0/HFI1 window resources. P7-IH Hub can continue to service coherent Power Bus traffic from octant to octant, non-coherent traffic from the ISR to other octants, as well as provide PCIe I/O Hub functionality as an independent entity.

Failing Item:

- IH_HUB

B7006A03

Explanation: P7-IH Hub Host Fabric Interface 0 (HFI 0) had a catastrophic unrecoverable error. The HFI 0 is disabled thereby preventing any further non-coherent cluster traffic to/from the Integrated Switch Router (ISR) using HFI0 window resources. The loss of HFI0 disables the Collectives Acceleration Unit for this P7-IH Hub chip independent of HFI0 or HFI1 resources. The loss of HFI0 also disables broadcast support for this P7-IH Hub. This P7-IH Hub can continue to provide coherent Power Bus traffic from octant to octant over the power bus, non-coherent traffic using HFI1 resources to/from the ISR, non-coherent traffic from the ISR to other octants, as well as PCIe I/O Hub functionality as an independent entity.

Failing Item:

- IH_HUB

B7006A04

Explanation: P7-IH Hub Host Fabric Interface 1 (HFI 1) had a catastrophic unrecoverable error. The HFI1 is disabled thereby preventing any further non-coherent cluster traffic to/from the Integrated Switch Router (ISR) using HFI1 window resources. This P7-IH Hub can continue to provide coherent HFI traffic from octant to octant over the power bus, non-coherent traffic using HFI0 resources to/from the ISR, non-coherent traffic from the ISR to other octants, as

well as PCIe I/O Hub functionality as an independent entity.

Failing Item:

- IH_HUB

B7006A20

Explanation: Invalid/Unsupported Hardware configuration detected

Response: Determine the unsupported HW configuration.

Failing Item:

- SVCDOCS

B7006A21

Explanation: PCI-E Switch had a permanent unrecoverable (internal) chip failure. All downstream I/O is failed.

Response: Collect error logs and info logs. Replace the PCI-E Switch FRU, and send the failed FRU with the error log data to IBM for fault analysis.

Failing Item:

- PCIE_SW

B7006A22

Explanation: PCI-E Switch had a recoverable failure; however, all downstream I/O had to be failed during recovery. Recovery for the PCI-E Switch failure is being attempted. If the recovery is successful, no other SRC is logged.

Response: Once the PCI-E switch is recovered, the downstream I/O adapters should recover. The partition/application associated with the failed downstream I/O may have to be restarted.

Failing Item:

- SVCDOCS

B7006A23

Explanation: PCI-E Switch recovery failure. All downstream I/O is failed.

Response: Exhaustive attempts to recover the PCI-E Switch failed.

If there are AIX/LINUX errors logged against I/O Adapters on this switch, do not replace any I/O Adapter hardware. This SRC is the root cause.

Work with your service provider to collect error logs. Then work with the FRU list in the Serviceable Event View if there is one; otherwise, use the FRU list documented here to determine the parts to exchange. After the FRU has been replaced, the partition/application associated with the failed

downstream I/O may have to be restarted.

Failing Item:

- PCIE_SW

B7006A24

Explanation: PCI-E Switch failure. All downstream I/O is failed.

Response: Collect error logs, informational logs, and configuration data associated with I/O adapters below the PCI-E Switch. Replace the PCI-E Switch FRU, and send the failed FRU along with the collected data to IBM for fault analysis.

Failing Item:

- PCIE_SW

B7006A25

Explanation: PCI-E Switch has detected an invalid firmware action. All downstream I/O is failed.

Response: Collect Error Logs and Info Logs. Check for firmware updates in the latest service pack. Otherwise, replace the PCI-E Switch FRU, and send the failed FRU along with the collected data to IBM for fault analysis.

Failing Item:

- LICCODE
- PCIE_SW

B7006A28

Explanation: PCI-E Switch had a correctable error, Downstream IO is unaffected.

B7006A2A

Explanation: PCI-E Switch downstream I/O bus had a recoverable failure. A downstream I/O Adapter may be failed.

Response: Check the Serviceable Event view for other SRCs logged at approximately the same time as this SRC, and perform the actions indicated for those SRCs.

If no other SRC was logged, then the PCI-E Switch recovery was successful.

In either case, determine if any downstream I/O Adapters are in failed states and to which partitions they belong. The partition/application associated with the failed downstream I/O may have to be restarted.

Failing Item:

- SVCDOCS

B7006A2B

Explanation: PCI-E Switch downstream bus had recoverable failure, but has reached the threshold of recovery attempts. The Downstream I/O Adapter is failed.

Response: Collect error logs, informational logs, and configuration data associated with I/O Adapters below the PCI-E Switch. Work with the FRU list in the Serviceable Event View if there is one, otherwise, use the FRU list documented here to determine the parts to exchange. After the FRU has been replaced, the partition/application associated with the failed downstream I/O may have to be restarted.

Failing Item:

- PCIEBUS
- PIOCARD

B7006A30

Explanation: This reference code indicates that a PCI-E bus internal connection initialized to a lower bus configuration than expected. The bus is operational but operating at a bandwidth below its rated capacity. This may lead to degraded I/O throughput.

Response: If this event appears in a serviceable event view, work with the failing item list found there. If this event does not appear in a serviceable event view, no service action is required.

Failing Item:

- PCIEBUS

B7006A70

Explanation: The PCI-E Primary Host Bus has detected a failure.

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

Failing Item:

- PCIEHB1

B7006A71

Explanation: The failure is related to a PCI Express (PCIe) connected drawer/enclosure.

Response: Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

Failing Item:

- MABIP56
- PCIEAD1
- ADJ_PHY
- PCIEHB1

B7006A72 • B7009999

- PCIECB1

B7006A72

Explanation: IO downstream from a PCI Host Bridge (PHB) has been experiencing recoverable errors in a volume which exceeds an expected threshold.

Response: No immediate action is necessary. There are two repair actions recommended prior to replacing hardware identified by the FRU list. At the earliest convenient time or service window complete the following actions. If performing these repair actions resolves the problem, there is no need to consider the additional FRUs in the FRU list. If the same SRC is logged again as a serviceable event identifying the same location code after these repair actions have been completed, continue to the additional FRUs in the FRU list.

If you have recently completed the first of these actions for the failing FRU, continue to the second action. If you have recently completed both of these actions for the failing FRU, continue to the next item in the FRU list.

1. Reseat the IO adapter(s) at the location provided for the failing FRU.

This will require a system power down for FRUs which are not hot-pluggable PCI adapters.

If there is no location information provided, continue to the FRU list.

If the location provided is for a single embedded or PCI adapter location, reseat the adapter at that location.

If the location provided is for a FRU with multiple adapters plugged into it, such as an IO backplane, reseat each of the adapters plugged into the FRU at the location code provided.

2. Update the firmware on the adapter.

If the location provided is for a single embedded or PCI adapter location, check for adapter firmware updates. Apply the update if one is available.

If the location provided is for a FRU with multiple adapters plugged into it, check for adapter firmware updates for each of the adapters plugged into the FRU at the location code provided. Apply the updates if any are available.

Failing Item:

- SVCDOCS
- PIOCARD
- MA_BRDG

B7006A73

Explanation: IO downstream from a PCI-E Host Bridge (PHB) cable-connected adapter has been experiencing recoverable errors in a volume which exceeds an expected threshold. No immediate action is necessary. At the earliest convenient service window, repair the FRUs in the FRU list.

Response: At the earliest convenient service window, work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

Failing Item:

- PCIERE1
- PCIEFW1
- PCIEAD1
- ADJ_PHY
- PCIEHB1
- PCIECB1

B7009900

Explanation: (N/A for external service docs)

B7009901

Explanation: (N/A for external service docs)

B7009902

Explanation: (N/A for external service docs)

B7009904

Explanation: (N/A for external service docs)

B7009905

Explanation: (N/A for external service docs)

B7009906

Explanation: (N/A for external service docs)

B7009907

Explanation: (N/A for external service docs)

B700990F

Explanation: (N/A for external service docs)

B7009999

Explanation: (N/A for external service docs)

B70099FF

Explanation: (N/A for external service docs)

B700BA01

Explanation: During analysis of a previous serviceable error, a request to activate a FRU Fault indicator was not successful.

Response: Look in the serviceable event view to determine the location of the FRU associated with the FRU Fault Indicator activate failure. If the problem persists after the FRU has been replaced, contact your next level of support.

Failing Item:

- SVCDOCS
-

B700BAD1

Explanation: Platform firmware detected an error

Response: Platform firmware detected unexpected or not valid data returned from non-platform firmware.

Contact your next level of support.

Failing Item:

- NEXTLVL
-

B700BAD2

Explanation: Platform firmware detected a condition which may impact error reporting to a partition.

Response: Collect the error logs and contact your next level of support.

Failing Item:

- NEXTLVL
-

B700BAFD

Explanation: Task flight recorder data logged prior to wrapping. No service action is required.

B700F103

Explanation: Platform LIC failure

Response: Work with the FRU list on the serviceable event view if there is one, otherwise, use the FRU list documented here to determine the parts to exchange.

The platform LIC detected an internal problem.

Collect all the SRC words and the platform system dump, then contact your next level of support.

Failing Item:

- LICCODE
-

B700F104

Explanation: Operating System error

Response: Platform Licensed Internal Code terminated a partition.

If SRC word 3 is 0018, then a user may have initiated a function 22 prior to the operating system completing the IPL. If a function 22 was not performed, or if SRC word 3 is not 0018, look for other serviceable errors which occurred at same time frame.

If SRC word 3 is 0017, it means that during partition mobility an unrecoverable error occurred after the partition had resumed on the target system. Close this problem and look for other serviceable errors that occurred around the same time. Perform any actions indicated to resolve those errors.

If SRC word 3 is 0007 or 0009, then the failing partition received a Machine Check without having a Machine Check handler enabled. This could be due to the Machine Check occurring while the partition was in an IPL. If an IPL was not in progress, or word 3 is different, look for other serviceable errors which occurred at approximately the same time, and contact your next level of support.

Failing Item:

- SVCDOCS
-

B700F105

Explanation: Platform LIC detected an error

Response: The platform LIC detected an internal problem.

Collect all the SRC words and the platform system dump, then contact your next level of support.

Failing Item:

- NEXTLVL
-

B700F106

Explanation: Platform LIC detected an error

Response: The system will terminate.

Collect all the SRC words and then contact your next level of support.

Failing Item:

- ANYPROC
 - NEXTLVL
-

B700F107

Explanation: Dynamic replacement of checkstopped processor failed.

Response: Collect all the SRC words and then contact your next level of support.

B700F108 • B700F130

Failing Item:

- NEXTLVL
-

B700F108

Explanation: A firmware error caused the system to terminate.

Response: Collect all the SRC words and the platform system dump, and then contact your next level of support.

Problem determination: Perform a platform dump.

Failing Item:

- SVCDOCS
 - NEXTLVL
-

B700F10A

Explanation: Platform LIC detected an error

Response: Look for errors with SRCs of the form B1xx xxxx in the Serviceable Event View. Work those errors first. If that does not correct the problem, collect all the SRC words and the platform system dump, then contact your next level of support.

Failing Item:

- SVCDOCS
-

B700F10B

Explanation: A resource has been disabled due to hardware problems

Response: The platform detected a problem with a processor. The processor is not functional.

Work with the FRU list in the serviceable event view if there is one, otherwise contact your next level of support.

Failing Item:

- SVCDOCS
-

B700F10C

Explanation: The platform LIC detected an internal problem performing Partition Mobility

Response: Collect all the SRC words and the platform system dump, then contact your next level of support.

Failing Item:

- NEXTLVL
-

B700F120

Explanation: Platform firmware detected an error

Response: The platform is unable to support the requested architecture options requested by the

operating system via ibm,client-architecture-support interface.

B700F130

Explanation: Thermal Power Management Device firmware error was detected.

Response: Check for server firmware updates and install them, if available. If that does not resolve the problem, contact your next level of support.

Problem determination:

Failing Item:

- LICCODE

(B9xx) Reference codes

A B9xx reference code indicates that an event or error was detected and logged by the IBM i operating system.

B9003000

Explanation: Unexpected exception in QINITT before ICO exists.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: If there is a console message then perform any actions given in the console message associated with this SRC.

B9003001

Explanation: Error in interface to console from QINITT.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: Perform any actions given in the console message associated with this SRC.

B9003004

Explanation: Wait time-out on 'console available' event.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: If there is a console message then perform any actions given in the console message associated with this SRC.

B9003005

Explanation: Error in interface to console from INT1 program.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: Perform any actions given in the console message associated with this SRC.

B9003007

Explanation: Unexpected exception in INT1 program.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: Perform any actions given in the console message associated with this SRC.

B9003008

Explanation: Operator terminated in response to message.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: If there is a console message then perform any actions given in the console message associated with this SRC.

B9003010

Explanation: QSYINT2 could not find required user profile.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: If there is a console message then perform any actions given in the console message associated with this SRC.

B9003011

Explanation: QSYINT2 could not find system object.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: If there is a console message then perform any actions given in the console message associated with this SRC.

B9003012

Explanation: Previously unmarked damage detected.

This SRC is an IBMi software event. If this SRC was

B9003013 • B9XXXXXX

reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: If there is a console message then perform any actions given in the console message associated with this SRC.

B9003013

Explanation: INT1 program not found in QINSTALL (after load).

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: If there is a console message then perform any actions given in the console message associated with this SRC.

B9003014

Explanation: Could not start CPF process.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: Perform any actions given in the console message associated with this SRC.

B9003015

Explanation: Terminating error message issued.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: Perform any actions given in the console message associated with this SRC.

B9003016

Explanation: Error during link/load of SLIC MRI.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: Perform any actions given in the console message associated with this SRC.

B9003017

Explanation: Attempt to display message but ICO pointer is null.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears

on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: Perform any actions given in the console message associated with this SRC.

B900308D

Explanation: Recursive invocation of Install Part 1 PDEH.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: If there is a console message then perform any actions given in the console message associated with this SRC.

B900308F

Explanation: Internal failure in install code.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: Perform any actions given in the console message associated with this SRC.

B9003400

Explanation: XPF IPL or run time failure.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: If there is a console message then perform any actions given in the console message associated with this SRC.

B9003460

Explanation: Unexpected exception in INT1 program.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: Perform any actions given in the console message associated with this SRC.

B9XXXXXX

Explanation: XPF IPL or run time failure.

This SRC is an IBMi software event. If this SRC was reported as a serviceable event or if this SRC appears on the IBMi LPAR's panel then report the SRC as an IBMi software problem.

Problem determination: If there is a console message then perform any actions given in the console message associated with this SRC.

(BAxx) Reference codes

The partition firmware detected a failure.

The first eight characters in the display represent the SRC. Any additional characters represent the associated location code. Record the location code as well as the reference code, then find the SRC in the following list.

BA000010

Explanation: The device data structure is corrupted

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH

BA000020

Explanation: Incompatible firmware levels were found

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH

BA000030

Explanation: An lpevent communication failure occurred

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH

BA000031

Explanation: An lpevent communication failure occurred

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH

BA000032

Explanation: The firmware failed to register the lpevent queues

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH

BA000034

Explanation: The firmware failed to exchange capacity and allocate lpevents

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH

BA000038

Explanation: The firmware failed to exchange virtual continuation events

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH

BA000040

Explanation: The firmware was unable to obtain the RTAS code lid details

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH

BA000050

Explanation: The firmware was unable to load the RTAS code lid

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH

BA000060

Explanation: The firmware was unable to obtain the open firmware code lid details

Problem determination: Reboot the system or partition.

BA000070 • BA00E850

Failing Item:

- FWFLASH
-

BA000070

Explanation: The firmware was unable to load the open firmware code lid

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH
-

BA000080

Explanation: The user did not accept the license agreement

Problem determination: There is no further action required. If the user did not accept the license agreement, the system will not function.

BA000081

Explanation: Failed to get the firmware license policy

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH
-

BA000082

Explanation: Failed to set the firmware license policy

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH
-

BA000091

Explanation: Unable to load a firmware code update lid

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH
-

BA000100

Explanation: The partition firmware was not actually updated and a reboot is required to recover. This SRC does call home.

Problem determination: Reboot the system or partition.

BA000110

Explanation: The registration of a partition firmware platform dump failed. If a partition resource dump is initiated, it may have incomplete or no data.

Problem determination:

- Reboot the system or partition.
 - Look for server firmware updates; apply if available.
-

BA00E820

Explanation: An lpevent communication failure occurred.

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH
-

BA00E830

Explanation: Failure when initializing ibm,event-scan

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH
-

BA00E840

Explanation: Failure when initializing PCI hot plug

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH
-

BA00E843

Explanation: Failure when initializing interface to AIX or Linux

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH
-

BA00E850

Explanation: Failure when initializing dynamic reconfiguration

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH
-

BA00E860

Explanation: Failure when initializing sensors

Problem determination: Reboot the system or partition.

Failing Item:

- FWFLASH
-

BA00F104

Explanation: Partition Firmware requested termination of a partition.

Problem determination:

1. Review error logs for entries posted at approximately the same time as this reference code and take appropriate actions for those error logs.
 2. Check for system firmware updates. Apply update if available.
 3. Contact your next level of support for assistance.
-

BA010000

Explanation: There is insufficient information to boot the partition

Failing Item:

- FWIPIPL
-

BA010001

Explanation: The client IP address is already in use by another network device

Failing Item:

- FWIPIPL
-

BA010002

Explanation: One or more of the keywords that was specified is not supported by this device.

Problem determination: Refer to partition firmware progress codes using code CA00E174.

Failing Item:

- FWHOST
-

BA010003

Explanation: The specified (or default) discovery protocols failed to return the parameters that are required to boot.

Problem determination: Refer to partition firmware progress codes using code CA00E174.

Failing Item:

- FWHOST
-

BA010004

Explanation: The IP address specified for the discovery server was not a valid IPv6 address.

Problem determination: Refer to partition firmware progress codes using code CA00E174.

BA010005

Explanation: The IP address specified for the discovery server was not a valid IPv4 address.

Problem determination: Refer to partition firmware progress codes using code CA00E174.

BA010006

Explanation: A keyword was specified that is not supported by the iSCSI booting extensions.

Failing Item:

- FWADIPL
-

BA010007

Explanation: The device does not have the required device_type property.

Response: Contact service support.

BA010008

Explanation: The device_type property for this device is not supported by the iSCSI booting extensions.

Response: Contact service support.

BA010009

Explanation: The arguments specified for the ping function are invalid.

Response: Verify that all arguments comply with the iSCSI initiator configuration specification.

BA01000A

Explanation: The itname parameter string exceeds the maximum length allowed.

Response: Verify that all arguments comply with the iSCSI initiator configuration specification.

BA01000B

Explanation: The ichapid parameter string exceeds the maximum length allowed.

Response: Verify that all arguments comply with the iSCSI initiator configuration specification.

BA01000C

Explanation: The ichappw parameter string exceeds the maximum length allowed.

Response: Verify that all arguments comply with the iSCSI initiator configuration specification.

BA01000D

Explanation: The iname parameter string exceeds the maximum length allowed.

Response: Verify that all arguments comply with the iSCSI initiator configuration specification.

BA01000E

Explanation: The LUN specified is not valid.

Response: Verify that all arguments comply with the iSCSI initiator configuration specification.

BA01000F

Explanation: The chapid parameter string exceeds the maximum length allowed.

Response: Verify that all arguments comply with the iSCSI initiator configuration specification.

BA010010

Explanation: Partition firmware error during SMS menus

Failing Item:

- FWFLASH
-

BA010011

Explanation: SET-ROOT-PROP could not find the / (root) package

Response: Look for server firmware updates; apply if available.

BA010012

Explanation: The arguments specified for IP v6 are invalid.

Response: Verify that all arguments comply with the iSCSI initiator configuration specification, and that the server addresses are correct.

BA010013

Explanation: The information in the error log entry for this SRC provides network trace data.

Problem determination: Informational message: no action is required.

BA010014

Explanation: The information in the error log entry for this SRC provides network trace data.

Problem determination: Informational message: no action is required.

BA010015

Explanation: The information in the error log entry for this SRC provides network trace data.

Problem determination: Check for system firmware update. Contact your next level support for assistance.

BA010020

Explanation: The value of the vlan tag parameter is not valid.

Problem determination: Verify that the tag complies with the IEEE 802.1Q specification.

BA012010

Explanation: Opening the TCP node failed.

Response: Look for server firmware updates; apply if available.

BA012011

Explanation: TCP failed to read from the network

Response: Look for server firmware updates; apply if available

BA012012

Explanation: TCP failed to write to the network.

Response: Look for server firmware updates; apply if available.

BA012013

Explanation: Closing TCP failed.

Response: Look for server firmware updates; apply if available.

BA012014

Explanation: The TCP re-transmission count of 8 was exceeded. This indicates a large number of lost packets between this client and the boot or installation server.

Response:

1. Look for problems or errors on the boot or installation servers. If any are found, correct them.
2. Look for problems or errors on the network switches between the boot or installation server and this client. If any problems are found, correct them.

3. Try another network adapter on the client.

BA017020

Explanation: Failed to open the TFTP package

Response: Verify that the TFTP parameters are correct.

BA017021

Explanation: Failed to load the TFTP file

Response: Verify the the TFTP server and network connections are correct.

BA01B010

Explanation: Opening the BOOTP node failed.

Response: Look for server firmware updates; apply if available.

BA01B011

Explanation: BOOTP failed to read from the network

Response: Refer to the actions for checkpoint CA00E174.

BA01B012

Explanation: BOOTP failed to write to the network

Response: Refer to the actions for checkpoint CA00E174.

BA01B013

Explanation: The discover mode is invalid

Response: Look for server firmware updates; apply if available.

BA01B014

Explanation: Closing the BOOTP node failed

Response: Look for server firmware updates; apply if available.

BA01B015

Explanation: The BOOTP discover server timed out

Response: Refer to the actions for checkpoint CA00E174.

BA01D001

Explanation: Opening the DHCP node failed

Response: Look for server firmware updates; apply if available.

BA01D020

Explanation: DHCP failed to read from the network

Response:

1. Verify that the network cable is connected, and that the network is active.
2. Look for server firmware updates; apply if available.

BA01D030

Explanation: DHCP failed to write to the network

Response:

1. Verify that the network cable is connected, and that the network is active.
2. Look for server firmware updates; apply if available.

BA01D040

Explanation: The DHCP discover server timed out

Response:

1. Insure that the DHCP server has addresses available.
2. Insure that the DHCP server's configuration file is not overly constrained such that it was not able to meet the configuration requested by the client.
3. Refer to the actions for checkpoint CA00E174.

BA01D050

Explanation: DHCP::discover no good offer

Response: DHCP discover did not receive any DHCP offers from the server(s) the meet the clients's requirements. Insure that the DHCP server's configuration file is not overly constrained such that it was not able to meet the configuration requested by the client.

BA01D051

Explanation: DHCP::discover DHCP request timed out

Response:

1. DHCP discover did receive a DHCP offer from the server(s) the meet the clients's requirements, but the server did not send DHCP ack (the acknowledgement) to the client's DHCP request. It is possible that another client was using the address that was served.
2. Insure that the DHCP server has addresses available.

BA01D052

Explanation: DHCP::discover: 10 incapable servers were found

Response: Ten DHCP servers have sent DHCP offers, none of which met the requirements on the client. Check the configuration that the client is requesting, and the server's DHCP configuration files, for compatibility.

BA01D053

Explanation: DHCP::discover received a reply, but without a message type

Response: Insure that the DHCP server is properly configured.

BA01D054

Explanation: DHCP::discover received a reply, but without a message type

Response:

1. DHCP discover did receive a DHCP offer from the server(s) to meet the clients's requirements, but the server did send DHCP (not acknowledged) to the client's DHCP request. (It is possible that another client was using the address that was served.) This usually occurs when there are multiple DHCP servers on the same network, and server A does not know the subnet configuration of server B, and vice-versa. This can also occur when the pool of addresses is not truly divided. The DHCP server's configuration file should also be set to "authoritative".
2. Insure that the DHCP server is functioning properly.

BA01D055

Explanation: DHCP::discover: DHCP decline

Response:

1. DHCP discover did receive a DHCP offer from the server(s) to meet the clients's requirements, but the client performed an ARP test on the address and found that another client was using the address. DHCP decline was sent to the server, but no additional DHCP offers were received by the client. The client still does not have a valid address.
2. Insure that the DHCP server is functioning properly.

BA01D056

Explanation: DHCP::discover: unknown DHCP message

Response: DHCP discover received an unknown DHCP message type. Insure that the DHCP server is functioning properly.

BA01D0FF

Explanation: Closing the DHCP node failed.

Response: Look for server firmware updates; apply if available.

BA04000F

Explanation: Selftest failed on device, no error and/or location code information available

Problem determination: If there was a location code reported with the error, replace the device specified by the location code.

Failing Item:

- NEXTLVL

BA040010

Explanation: Self test failed on device; cannot locate package.

Failing Item:

- NEXTLVL

BA040020

Explanation: The machine type and model are not recognized by the server firmware.

Failing Item:

- FWFLASH

BA040030

Explanation: The firmware was not able to build the UID properly for this system. As a result, problems may occur with the licensing of the AIX operating system.

Problem determination:

1. Using the Advanced System Management Interface (ASMI) menus, insure that the machine type, model, and serial number in the VPD for this system are correct.
2. If this is a new system, check for server firmware updates and apply them, if available.

BA040035

Explanation: The firmware was unable to find the "plant of manufacture" in the VPD. This may cause problems with the licensing of the AIX operating system.

Problem determination:

1. Using the Advanced System Management Interface (ASMI) menus, insure that the machine type, model, and serial number in the VPD for this system are correct.

- If this is a new system, check for server firmware updates and apply them, if available.

BA040040

Explanation: Setting the machine type, model, and serial number failed.

Failing Item:

- FWFWPBL
-

BA040041

Explanation: Retrieving the machine type, model, and serial number failed.

Response: Look for server firmware updates; apply if available.

BA040050

Explanation: The h-call to switch off the boot watchdog timer failed.

Failing Item:

- FWFWPBL
-

BA040060

Explanation: Setting the firmware boot side for the next boot failed.

Failing Item:

- FWFWPBL
-

BA050001

Explanation: Rebooting a partition in logical partition mode failed.

Failing Item:

- FWFWPBL
-

BA050004

Explanation: Locating a service processor device tree node failed.

Failing Item:

- FWFWPBL
-

BA05000A

Explanation: Failed to send boot failed message to the service processor

Failing Item:

- FWFWPBL
-

BA060020

Explanation: The environment variable "boot-device" exceeded the allowed character limit.

Failing Item:

- FWNIM
-

BA060021

Explanation: The environment variable "boot-device" contained more than 5 entries.

Failing Item:

- FWNIM
-

BA060022

Explanation: The environment variable "boot-device" contained an entry that exceeded 255 characters.

Failing Item:

- FWNIM
-

BA060023

Explanation: The operating system does not support the minimum processing unit that was specified.

Failing Item:

- FWNIM
-

BA060030

Explanation: Logical partitioning with shared processors is enabled and the operating system does not support it.

Problem determination:

- Install or boot a level of the operating system that supports shared processors.
 - Disable logical partitioning with shared processors in the operating system.
-

BA060032

Explanation: The operating system does not support active memory sharing (AMS).

Problem determination: Install or boot a version of the operation system that supports AMS.

BA060033

Explanation: The operating system does not support active memory expansion (AME).

Problem determination: Install or boot a version of the operation system that supports AME.

BA060040

Explanation: The system or partition is configured to use huge pages, but the operating system image does not support huge pages.

Problem determination: Do one of the following:

- Install a newer version of the operating system that supports huge pages.
- Use the ASMI to remove the huge pages.

BA060050

Explanation: The hypervisor supports dynamic partitioning of the huge page-type of memory allocation, but dynamic partitioning of huge pages is not supported.

Problem determination: Use the ASMI to disable dynamic partitioning of huge pages.

BA060060

Explanation: The operating system expects an IOSP partition, but the operating system failed to make the transition to alpha mode.

Problem determination:

1. Insure that the alpha-mode operating system image is intended for this partition.
2. Insure that the configuration of the partition supports an alpha-mode operating system.

BA060061

Explanation: The operating system expects a non-IOSP partition, but the operating system failed to make the transition to MGC mode.

Problem determination:

1. Insure that the nonalpha-mode operating system image is intended for this partition.
2. Insure that the configuration of the partition supports a non-alpha-mode operating system.

BA060070

Explanation: The operating system does not support system's processor(s).

Problem determination: Boot a newer version of the operating system that supports the system's processors.

BA060071

Explanation: Invalid number of vectors from the operating system.

Problem determination: Boot a newer version of the operating system.

BA060072

Explanation: Client-arch-support hcall error.

Failing Item:

- FWFLASH

BA060075

Explanation: Client-arch-support firmware error.

Failing Item:

- FWFLASH

BA060200

Explanation: Failed to set the operating system's boot list from the MM bootlist

Problem determination:

1. Verify that the bootlist in the MM is correct.
2. Check for firmware updates (MM, H8, system firmware), and apply if available.

BA060201

Explanation: Failed to read VPD "boot path" field value

Problem determination: Check for firmware updates (MM, H8, system firmware), and apply if available.

BA060202

Explanation: Failed to update VPD with new "boot path" field value

Problem determination: Check for firmware updates (MM, H8, system firmware), and apply if available.

BA060300

Explanation: An I/O error on the adapter from which the boot was attempted prevented the operating system from being booted.

BA060411

Explanation: Unable to resolved the MAC address that was specified; the boot list has not been changed.

BA070000

Explanation: SCSI controller error

Problem determination: Do the following:

1. Verify the SCSI cabling and termination
2. Retry with minimal bus configuration to isolate the failing device.
3. Replace the controller and/or device.

BA070001

Explanation: SCSI controller error

Response:

1. Verify the SCSI cabling and termination.
 2. Retry with minimal bus configuration to isolate the failing device.
 3. Replace the controller and/or device.
-

BA080001

Explanation: An IDE device remained busy for a longer period than the time out period.

Failing Item:

- FFWFPBL
-

BA080002

Explanation: The IDE controller senses IDE devices but with errors.

Problem determination:

- Verify that the IDE devices are correctly cabled and are firmly seated in the drive cage.
 - Replace the IDE controller (model-dependent).
-

BA080010

Explanation: An IDE device is busy longer than specified time-out period.

Problem determination: Retry the operation.

Failing Item:

- FWIDE1
-

BA080011

Explanation: An IDE command timed out; command is exceeding the period allowed to complete.

Problem determination: Retry the operation.

Failing Item:

- FWIDE1
-

BA080012

Explanation: The ATA command failed

Failing Item:

- FWIDE2
-

BA080013

Explanation: The media is not present in the tray

Problem determination: Place bootable media in tray and retry the operation.

Failing Item:

- FWIDE1
-

BA080014

Explanation: The media has been changed

Problem determination: Retry the operation.

Failing Item:

- FWIDE1
-

BA080015

Explanation: The packet command failed; the media might not be readable.

Problem determination: Retry the operation.

Failing Item:

- FWIDE1
-

BA090001

Explanation: SCSI disk unit: test unit ready failed; hardware error

Failing Item:

- FWSCSI1
-

BA090002

Explanation: SCSI disk unit: test unit ready failed; sense data available

Failing Item:

- FWSCSI2
-

BA090003

Explanation: SCSI disk unit: send diagnostic failed; sense data available

Failing Item:

- FWSCSI3
-

BA090004

Explanation: SCSI disk unit: send diagnostic failed; devofl command

Failing Item:

- FWSCSI3
-

BA090005

Explanation: The virtual fibre channel boot driver had an unexplained time out when trying to access the boot media.

Problem determination:

- Look for fibre channel errors in the virtual operating system (VIOS) error log; resolve all that are found.

BA090006 • BA090011

- Insure that the VIOS has the latest fibre channel n_port ID virtualization (NPIV) driver updates.
- Verify that the fibre channel storage server is working correctly. Correct any problems that are found.

BA090006

Explanation: Unable to access the boot media due to "busy" response from the fibre channel storage server.

Problem determination:

- Look for error log entries in the virtual operating system (VIOS) that point to the fibre channel storage server. Correct any problems that are found.
- Reduce the load on the fibre channel server.

BA090007

Explanation: An attempt to read the boot disk failed because of a reserve condition.

Problem determination:

- Identify and remove any active RESERVES on the fibre channel storage server.

BA090008

Explanation: An attempt to send a command to the fibre channel boot disk failed at the NPIV layer.

Problem determination:

- Look for fibre channel errors in the virtual operating system (VIOS) error log; resolve all that are found.
- Verify that the fibre channel storage server is working correctly. Correct any problems that are found.

BA090009

Explanation: An event happened on the virtual fibre channel adapter that forced a full disconnection from the fibre channel fabric.

Problem determination:

- Insure that a firmware update was not occurring on the fibre channel host bus adapter.
- Insure that the cabling between the fibre channel host bus adapter and the fibre channel storage server is correct.
- Insure that the virtual operating system (VIOS) has the latest fibre channel n_port ID virtualization (NPIV) device driver updates.

BA09000A

Explanation: Vendor specification error

Failing Item:

- NEXTLVL

BA09000B

Explanation: Generic SCSI sense error.

Problem determination: Generic SCSI sense error can be:

- X4 - Hardware Error
- X5 - Illegal Request
- X7 - Data Protect
- X8 - Blank Check
- X9 - Vendor Specific
- XA - Copy Aborted
- XB - Aborted Command
- XC - Equal
- XD - Volume Overflow
- XE - Miscompare
- XF - RESERVED

BA09000C

Explanation: The media are write-protected

Problem determination: Check the media and retry the operation.

BA09000D

Explanation: The media are unsupported or are unrecognizable.

Problem determination: Check the media and retry the operation.

BA09000E

Explanation: The media are not formatted correctly.

Problem determination: Replace the media and retry the operation.

BA09000F

Explanation: The media are not present

Problem determination: Insert or replace the media and retry the operation.

BA090010

Explanation: Request sense command failed

Failing Item:

- FWSCSI1

BA090011

Explanation: The number of times the retry command has to be executed has exceeded the limit.

Failing Item:

- FWSCSI1

BA090012

Explanation: The SCSI device type is not supported

Problem determination: Replace the SCSI device with a supported device.

BA100001

Explanation: SCSI tape: test unit ready failed; hardware error.

Failing Item:

- FWSCSI1

BA100002

Explanation: SCSI tape: test unit ready failed; sense data available.

Failing Item:

- FWSCSI4

BA100003

Explanation: SCSI tape: send diagnostic failed; sense data available.

Failing Item:

- FWSCSI3

BA100004

Explanation: SCSI tape: send diagnostic failed: devofl command.

Failing Item:

- FWSCSI3

BA110001

Explanation: SCSI changer: test unit ready failed; hardware error

Problem determination: Before replacing any system components refer to the notes in error code BA09xxxx.

1. Replace the SCSI device.
2. Replace the SCSI cable.
3. Replace the SCSI controller.

Failing Item:

- FWSCSI1

BA110002

Explanation: SCSI changer: test unit ready failed; sense data available.

Failing Item:

- FWSCSI4

BA110003

Explanation: SCSI changer: send diagnostic failed; sense data available.

Failing Item:

- FWSCSI3

BA110004

Explanation: SCSI changer: send diagnostic failed: devofl command.

Failing Item:

- FWSCSI3

BA120001

Explanation: On an undetermined SCSI device, test unit ready failed; hardware error.

Failing Item:

- FWSCSI5

BA120002

Explanation: On an undetermined SCSI device, test unit ready failed; sense data available

Failing Item:

- FWSCSI4

BA120003

Explanation: On an undetermined SCSI device, send diagnostic failed; sense data available

Failing Item:

- FWSCSI4

BA120004

Explanation: On an undetermined SCSI device, send diagnostic failed; devofl command

Failing Item:

- FWSCSI4

BA120010

Explanation: An I/O error on the adapter from which the boot was attempted prevented the operating system from being booted.

Failing Item:

- FWFLASH

BA120FFF

Explanation: SCSI device failed on 'inquiry' command

Failing Item:

- FWSCSI1
-

BA130001

Explanation: SCSI CD-ROM: test unit ready failed; hardware error.

Failing Item:

- FWSCSI1
-

BA130002

Explanation: SCSI CD-ROM: test unit ready failed; sense data available

Failing Item:

- FWSCSI3
-

BA130003

Explanation: SCSI CD-ROM: send diagnostic failed; sense data available.

Failing Item:

- FWSCSI3
-

BA130004

Explanation: SCSI CD-ROM: send diagnostic failed; devofl command.

Failing Item:

- FWSCSI3
-

BA130010

Explanation: USB CD-ROM: device remained busy longer than the time-out period.

Problem determination: Retry the operation.

Failing Item:

- FWFWPBL
-

BA130011

Explanation: USB CD-ROM: execution of ATA/ATAPI command was not completed within the allowed time.

Problem determination: Retry the operation.

Failing Item:

- FWCD1
-

BA130012

Explanation: USB CD-ROM: execution of ATA/ATAPI command failed.

Problem determination:

1. Verify that the power and signal cables going to the USB CD-ROM are properly connected and are not damaged. If any problems are found, correct them, then retry the operation.
2. If the problem persists, the CD in the USB CD-ROM drive might not be readable. Remove the CD and insert another CD.

Failing Item:

- NEXTLVL
-

BA130015

Explanation: USB CD-ROM: ATA/ATAPI packet command execution failed.

Problem determination: The CD in the USB CD-ROM may not be readable. Try another CD.

Failing Item:

- FWCD2
-

BA140001

Explanation: SCSI read/write optical: test unit ready failed; hardware error.

Failing Item:

- FWSCSI1
-

BA140002

Explanation: SCSI read/write optical: test unit ready failed; sense data available.

Failing Item:

- FWSCSI1
-

BA140003

Explanation: SCSI read/write optical: send diagnostic failed; sense data available

Failing Item:

- FWSCSI3
-

BA140004

Explanation: SCSI read/write optical: send diagnostic failed; devofl command.

Failing Item:

- FWSCSI3
-

BA150001

Explanation: PCI Ethernet BNC/RJ-45 or PCI Ethernet AUI/RJ-45 adapter: internal wrap test failure.

Problem determination: Replace the adapter specified by the location code.

BA151001

Explanation: 10/100 MBPS Ethernet PCI adapter: internal wrap test failure.

Problem determination: Replace the adapter specified by the location code

BA151002

Explanation: 10/100 MBPS Ethernet card

Failing Item:

- FWENET
-

BA153002

Explanation: Gigabit Ethernet adapter failure

Problem determination: Verify that the MAC address programmed in FLASH EEPROM is correct.

BA153003

Explanation: Gigabit Ethernet adapter could not be mapped-in by system firmware

Problem determination:

1. Check for adapter firmware updates; apply if available.
 2. Remove other cards from the PHB in which the gigabit Ethernet adapter is plugged and retry the operation. If the operation is successful, plug the cards in again, one at a time, until the failing card is isolated. After you identify the failing card, replace it.
 3. Replace the adapter.
-

BA154010

Explanation: HEA h-call error

Problem determination: Check for system firmware update; apply if available.

BA154020

Explanation: Required open firmware property not found

Problem determination: Check for system firmware update; apply if available.

BA154030

Explanation: Bad argument from user

Problem determination: Check for system firmware update; apply if available.

BA154040

Explanation: TFTP package open failed

Problem determination: Check for system firmware update; apply if available.

BA154050

Explanation: Transmit operation failed

Problem determination: Check for system firmware update; apply if available.

BA154060

Explanation: Failed to initialize HEA port or queue

Problem determination: Check for system firmware update; apply if available.

BA154070

Explanation: Receive operation failed

Problem determination: Check for system firmware update; apply if available.

BA157001

Explanation: A register property was not found.

Problem determination:

1. Check for system firmware updates; apply if available.
 2. Check for adapter firmware updates; apply if available.
 3. Replace the adapter.
-

BA157002

Explanation: Device initialization failed.

Problem determination:

1. Check for system firmware and device firmware updates; apply if available.
 2. Retry the last SMS operation that was attempted, such as pinging from the SMS menus, or network boot or installation.
 3. Replace the adapter.
-

BA157003

Explanation: Registry property map-in failed.

Problem determination:

1. Check for system firmware and device firmware updates; apply if available.
2. Replace the adapter.

BA158001

Explanation: VPD (vital product data) capability not found.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code reported with the SRC.

BA158002

Explanation: A problem was found in the adapter's VPD (vital product data).

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code reported with the SRC.

BA158003

Explanation: VPD (vital product data) keyword error. Additional error log data should show whether the keyword was missing or invalid.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code reported with the SRC.

BA158004

Explanation: Failed to allocate the VPD (vital product data) buffer.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code reported with the SRC.

BA15A001

Explanation: A registry property was not found.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code reported with the SRC.

BA15A002

Explanation: The assigned-address property was not found.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code reported with the SRC.

BA15A003

Explanation: Memory map-in failed for the control register set memory region.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code reported with the SRC.

BA15A004

Explanation: Failed to acquire the semaphore for the flash register.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code reported with the SRC.

BA15A005

Explanation: The flash register was not ready when initially checked prior to reading the MAC address.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code reported with the SRC.

BA15A006

Explanation: The flash register was not ready following the reading of the MAC transition.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code reported with the SRC.

BA15A007

Explanation: A parity error occurred when reading the MAC address from the flash memory.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code reported with the SRC.

BA15A008

Explanation: Initialization of the adapter chip set failed.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code reported with the SRC.

BA15A009

Explanation: Failed to open the OBP-TFTP package.

Problem determination:

1. Verify that the boot parameters in the SMS menus are correct.
2. Check for adapter microcode or firmware updates; apply if available.
3. Replace the adapter specified by the location code reported with the SRC.

BA15B001

Explanation: Mailbox command failure. The error log has additional information regarding the failure.

Problem determination:

1. Retry the last firmware operation that was attempted, such as an SMS ping, or network boot or installation attempt.
2. Check for adapter microcode or firmware updates; apply if available.
3. Replace the adapter specified by the location code reported with the SRC.

BA15B002

Explanation: Error reading the PCI configuration register.

Problem determination:

1. Follow the repair actions for a freeze error that has been reported on the adapter identified by the location code.
2. Check for adapter microcode or firmware updates; apply if available.

3. Replace the adapter specified by the location code reported with the SRC.

BA15B003

Explanation: Initialization error.

Problem determination:

1. Retry the last firmware operation that was attempted, such as an SMS ping, or network boot or installation attempt.
2. Check for adapter microcode or firmware updates; apply if available.
3. Replace the adapter specified by the location code reported with the SRC.

BA15B004

Explanation: Adapter VPD error. The error log entry includes additional details.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code reported with the SRC.
3. Contact your next level of support.

BA15B005

Explanation: DMA allocation or mapping operation failed. The error log has additional information regarding the failure.

Problem determination:

1. Retry the last firmware operation that was attempted, such as an SMS ping, or network boot or installation attempt.
2. Check for adapter microcode or firmware updates; apply if available.
3. Replace the adapter specified by the location code reported with the SRC.

BA15B006

Explanation: Unexpected command response. The error log has additional information regarding the failure.

Problem determination:

1. Retry the last firmware operation that was attempted, such as an SMS ping, or network boot or installation attempt.
2. Check for adapter microcode or firmware updates; apply if available.
3. Replace the adapter specified by the location code reported with the SRC.

BA15B007

Explanation: A transmit operation timed out. The error log has additional information regarding the failure.

Problem determination:

1. Retry the last firmware operation that was attempted, such as an SMS ping, or network boot or installation attempt.
2. Check for adapter microcode or firmware updates; apply if available.
3. Replace the adapter specified by the location code reported with the SRC.

BA15C001

Explanation: Adapter code detected a problem while accessing system firmware or retrieving information from an adapter.

Problem determination:

1. Determine the adapter firmware level.
2. Is the adapter firmware level 0310204100102 or 0310303970033? Yes: The adapter code was not able access system firmware. Continue with the next step. No: Continue with step 6.
3. Verify the network configuration and boot parameters. If there are no errors, continue with the next step. Otherwise, this ends the procedure.
4. Check for and apply any I/O adapter firmware updates. If applying firmware updates resolves the problem, this ends the procedure. Otherwise, continue with the next step.
5. Replace the adapter. This ends the procedure.
6. The adapter is installed with adapter firmware level 0400003260003 or later. The command to retrieve the MAC address from the adapter failed. Continue with the next step.
7. Check for and apply any adapter I/O adapter firmware updates.
8. Does the problem still exist? Yes: Replace adapter. No: This ends the procedure.

BA15C002

Explanation: The command to retrieve the MAC address from the adapter failed.

Problem determination:

1. Check for and apply any adapter microcode or firmware driver updates.
2. Replace the adapter.

BA15D001

Explanation: The adapter failed during activation.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Retry the last firmware operation that was attempted, such as pinging from the SMS menus, or network boot or installation.
3. Verify the adapter cables are connected correctly.
4. Verify the adapter is seated properly.
5. Replace the adapter specified by the location code reported with the SRC.

BA15D002

Explanation: Gigabit Ethernet failure.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code (if present) reported with the SRC.

BA15D003

Explanation: DMA allocation or mapping operation failure.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code (if present) reported with the SRC.

BA15D004

Explanation: Bootcode completion failure.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code (if present) reported with the SRC.

BA15D007

Explanation: Transmit time out.

Problem determination:

1. Check for system firmware and device firmware updates; apply if available.
2. Retry the last firmware operation that was attempted, such as pinging from the SMS menus, or network boot or installation.
3. Replace the adapter.

BA15E001

Explanation: The command to retrieve the MAC address from the adapter failed.

Problem determination:

1. Check for adapter microcode or firmware updates; apply if available.
2. Replace the adapter specified by the location code (if present) reported with the SRC.

BA15E002

Explanation: The VLAN ID provided to the driver is not configured.

Problem determination:

1. Verify the configuration and insure that the VLAN ID configured in the SMS menus is valid for the network to which the port is connected.
2. Check for adapter microcode or firmware updates; apply if available.
3. Replace the adapter specified by the location code (if present) reported with the SRC.

BA15E003

Explanation: The MAC address obtained from the hardware at IPL time does not match the value currently returned by the hardware.

Problem determination:

1. If the MAC address change was done by the user, please change the MAC address before the partition is started to avoid this error.
2. If this error continues to be logged, update the adapter firmware to the latest level.
3. Replace the adapter specified by the location code (if present) reported with the SRC.

BA15F001

Explanation: Failed to acquire the EEPROM.

Problem determination:

1. Verify that the card is installed properly.
2. Move the adapter to another slot.
3. Replace the adapter specified by the location code (if present) reported with the SRC.

BA15F101

Explanation: Failed to acquire the EEPROM.

Problem determination:

1. Verify that the card is installed properly.
2. Move the adapter to another slot.
3. Replace the adapter specified by the location code (if present) reported with the SRC.

BA160001

Explanation: Problem changing adapter MSI allocation. Error log has additional information regarding failure.

Problem determination:

1. Restart the partition.
2. Update system firmware.
3. Contact next level of support.

BA160002

Explanation: Problem initializing adapter. Error log has additional information regarding failure.

Problem determination:

1. Restart the partition.
2. Update system firmware.
3. Contact next level of support.

BA160007

Explanation: Failure to allocate buffer space.

Problem determination:

1. Reboot the machine.
2. Update system firmware.
3. Contact next level of support.

BA160110

Explanation: Invalid USB configuration descriptor. Device not enumerated.

Problem determination:

1. Reboot partition.
2. Replace USB device.
3. Check for system firmware update.

BA160120

Explanation: Invalid USB interface structure. Device not enumerated.

Problem determination:

1. Reboot partition.
2. Replace USB device.
3. Check for system firmware update.

BA161001

Explanation: PCI token ring adapter: failed to complete hardware initialization.

Problem determination: Replace the adapter specified by the location code.

BA170100

Explanation: NVRAM data validation check failed

Problem determination: Reboot the system or partition; this failure should correct itself.

Failing Item:

- FWNVR2

BA170201

Explanation: The firmware was unable to expand the target partition -saving configuration variable

Failing Item:

- FWNVR1

BA170202

Explanation: The firmware was unable to expand the target partition - writing error log entry

Failing Item:

- FWNVR1

BA170203

Explanation: The firmware was unable to expand the target partition - writing VPD data

Failing Item:

- FWNVR1

BA170220

Explanation: The firmware was unable to write a variable value into NVRAM because not enough space exists in NVRAM.

Problem determination: Do the following:

- Reduce the number of partitions, if possible, so that each of the remaining partitions has more NVRAM allocated to it.

Failing Item:

- NEXTLVL

BA170221

Explanation: The setenv/\$setenv function had to delete network boot information to free space in NVRAM.

Problem determination: You might need to use the SMS menus to reenter the parameters for network installation or boot.

BA170998

Explanation: NVRAMRC script evaluation error - command line execution error.

Failing Item:

- FWNVR3

BA170999

Explanation: NVRAMRC script evaluation error - stack unbalanced on completion.

Problem determination: This is a firmware debug environment error. There is no user action or FRU replacement for this error.

Failing Item:

- NEXTLVL

BA180008

Explanation: PCI device FCode evaluation error.

Failing Item:

- FWPCI1

BA180009

Explanation: The FCode on a PCI adapter left a data stack imbalance.

Problem determination: You should load the new adapter Fcode before you use the adapter (specified by the location code associated with this error) for booting.

Failing Item:

- FWPCI1

BA180010

Explanation: PCI probe error, bridge in freeze state.

Failing Item:

- FWPCI2

BA180011

Explanation: PCI bridge probe error, bridge is not usable.

Failing Item:

- FWPCI3

BA180012

Explanation: PCI device runtime error, bridge in freeze state.

Failing Item:

- FWPCI3
-

BA180013

Explanation: A PCI adapter was found that this machine type and model does not support.

Problem determination: Is this system an IBM Intellistation model?

- Yes: Complete the following steps.
 1. Check for and apply any available server firmware updates.
 2. Replace the adapter at the location code that was reported with the error.
- No: Remove the PCI adapter specified by the location code.

BA180014

Explanation: MSI software error

Failing Item:

- FWFLASH

BA180015

Explanation: PCI slot error operation recovery timed out.

Failing Item:

- FWPCI1

BA180020

Explanation: No response was received from a PCI slot during probing

Failing Item:

- FWPCI1

BA180030

Explanation: A PHB reset/recovery was successful.

BA180031

Explanation: A PHB was reset more than once during the boot or reboot of a system or partition.

BA180099

Explanation: PCI probe error, bridge in freeze state, slot in reset state.

Failing Item:

- FWFLASH

BA180100

Explanation: FDDI Adapter FCode driver is not supported on this system.

Problem determination: This server does not support

the Fcode driver on this adapter. Service support might have additional information.

BA180101

Explanation: Stack underflow from fibre-channel adapter.

Failing Item:

- FWFWPBL

BA188000

Explanation: An unsupported adapter was found in a PCI slot.

Problem determination: Remove the unsupported adapter in the slot specified by the location code.

BA188001

Explanation: EEH recovered a failing I/O adapter.

Problem determination: This is an informational code only, and no action is required. Since it is informational, no location code will be reported.

BA188002

Explanation: EEH could not recover the failed I/O adapter.

Problem determination: Replace the adapter in the slot specified by the location code.

BA191001

Explanation: The hypervisor function to turn on the speaker reported an error.

Failing Item:

- FWFWPBL

BA201001

Explanation: The serial interface dropped data packets

Failing Item:

- FWFWPBL

BA201002

Explanation: The serial interface failed to open.

Problem determination: Check console settings to ensure the console is defined to the correct port. Ensure the console cables are connected to the port that is defined as the console.

Failing Item:

- FWFWPBL

BA201003

Explanation: The firmware failed to handshake properly with the serial interface.

Problem determination: Check for system firmware update.

Contact your next level support for assistance.

Failing Item:

- FWFWPBL
-

BA210000

Explanation: Partition firmware reports a default catch.

Failing Item:

- FWFWPBL
-

BA210001

Explanation: Partition firmware reports a stack underflow was caught.

Failing Item:

- FWFWPBL
-

BA210002

Explanation: Partition firmware was ready before stand-out was ready.

Failing Item:

- FWFWPBL
-

BA210003

Explanation: Partition firmware detected a data storage error.

Failing Item:

- FWPCI1
-

BA210004

Explanation: An open firmware stack-depth assert failed .

Problem determination: Check for system firmware update. Contact your next level support for assistance.

BA210005

Explanation: Open firmware free memory chain corruption detected and isolated.

Problem determination: Check for system firmware update. Contact your next level support for assistance.

BA210010

Explanation: The transfer of control to the SLIC loader failed.

Failing Item:

- FWFWPBL
-

BA210011

Explanation: The transfer of control to the I/O reporter failed.

Failing Item:

- FWFWPBL
-

BA210012

Explanation: NVRAMRC forced-boot problem; unable to load operating system that was loaded on previous boot.

Problem determination: Use the bootlist menus in the SMS to verify that the operating system image can still be detected by firmware. If firmware does not see the image, reload the operating system.

BA210013

Explanation: There was a partition firmware error when in the SMS menus.

Response: Look for server firmware updates; apply if available.

BA210020

Explanation: The I/O configuration exceeds the maximum size allowed by partition firmware.

Problem determination: Increase the logical memory block size to 256 megabytes (MB) and reboot the managed system. (If the logical memory block size is already 256 MB, contact your next level of support.)

Failing Item:

- NEXTLVL
-

BA210100

Explanation: The partition firmware was unable to log an error with the server firmware. No reply was received from the server firmware to an error log that was sent previously.

Failing Item:

- NEXTLVL
-

BA210101

Explanation: The partition firmware error log queue is full.

Problem determination: Contact service support.

Failing Item:

- NEXTLVL
-

BA210102

Explanation: There was a communication failure between partition firmware and the hypervisor. The lpevent that was expected from the hypervisor was not received.

Response:

1. Review the error logs for errors that occurred around the time of this error. Correct any errors that are found and reboot the blade server.
 2. Look for server firmware updates; apply if available.
-

BA210103

Explanation: There was a communication failure between partition firmware and the hypervisor. There was a failing return code with the lpevent acknowledgement from the hypervisor.

Response:

1. Review the error logs for errors that occurred around the time of this error. Correct any errors that are found and reboot the blade server.
 2. Look for server firmware updates; apply if available.
-

BA220010

Explanation: The partition firmware got an error during USB hotplug probing. USB hotplug may not work properly on this partition.

Problem determination: Do the following:

1. Check for EEH-related entries in the error logs and, if found, resolve them.
 2. Check for system firmware updates; apply if available.
-

BA220020

Explanation: CRQ registration error; partner vslot not valid.

Problem determination: From the HMC, verify that this client virtual-slot device has a valid server virtual-slot device in a hosting partition.

BA250010

Explanation: dlpar error in open firmware.

Failing Item:

- FWLPAR
-

BA250020

Explanation: dlpar error in open firmware due to an invalid dlpar entity. This error may have been caused by an errant or hung operating system process.

Problem determination: Do the following:

1. Check for operating system updates that resolve problems with dynamic logical partitioning (dlpar) and apply them, if available.
 2. Check for server firmware updates and apply them, if available.
-

BA250030

Explanation: A hotplug operation in dynamic logical partitioning (dlpar) was terminated for concurrent firmware update.

Problem determination: Retry the hotplug operation after the concurrent firmware update is complete.

BA250040

Explanation: Unable to generate device-tree node for partition migration

Problem determination: After performing the FWFLASH procedure, check for operating system updates and apply them if available.

Failing Item:

- FWFLASH
-

BA278001

Explanation: Failed to flash firmware; invalid image file

Problem determination: Obtain a valid firmware image for this system.

BA278002

Explanation: Flash file is not designed for this eServer platform.

Problem determination: Obtain a valid firmware image for this system.

BA278003

Explanation: Unable to lock the firmware update lid manager.

Problem determination: Do the following:

BA278004 • BA300020

1. Reboot the system.
2. Make sure that the operating system is authorized to update the firmware. If the system is running multiple partitions, verify that this partition has service authority.

BA278004

Explanation: An invalid firmware update lid was requested.

Problem determination: Obtain a valid firmware image for this system.

BA278005

Explanation: Failed to flash a firmware update lid.

Problem determination: Obtain a valid firmware image for this system.

BA278006

Explanation: Unable to unlock the firmware update lid manager.

Problem determination: Reboot the system.

BA278007

Explanation: Failed to reboot the system after a firmware flash update.

Problem determination: Manually reboot the system.

BA278008

Explanation: A server firmware update was attempted from the operating system. You must perform the update by using the Hardware Management Console (HMC).

Problem determination: Perform the flash update from the HMC.

BA278009

Explanation: The server firmware update management tools for the version of Linux that you are running are incompatible with this system.

Problem determination: Go to the Service and productivity tools for Linux on POWER link and download the latest service aids and productivity tools for the version of Linux that you are running.

BA27800A

Explanation: Firmware flash failed due to hardware error being reported.

Problem determination: Resolve any problems that

are found in the error logs, then retry the firmware flash.

BA280000

Explanation: RTAS discovered an invalid operation that may cause a hardware error.

Problem determination: Do not perform the action again.

Failing Item:

- NEXTLVL

BA290000

Explanation: RTAS discovered an internal stack overflow

Failing Item:

- FWFWPBL

BA290001

Explanation: RTAS low memory corruption

Failing Item:

- FWFWPBL

BA290002

Explanation: RTAS low memory corruption

Failing Item:

- FWFWPBL

BA300010

Explanation: The partition exceeded the maximum number of logical memory blocks allowed under the new memory allocation scheme.

Problem determination: Reduce the total logical memory block limit in the partition profile, then reactivate the partition. (The maximum number of logical memory blocks per partition is 128 kilobytes (Kb) under the new memory allocation scheme.)

BA300020

Explanation: Function call to isolate a logical memory block failed under the standard memory allocation scheme.

Problem determination: Do the following:

1. Check for system firmware updates; apply if available.
2. Upgrade the operating system to a level that supports the new memory representation, or edit the profile to have fewer logical memory blocks than the 8K maximum.
3. Reboot the partition.

BA300030

Explanation: Function call to make a logical memory block unusable failed under the standard memory allocation scheme.

Problem determination: Do the following:

1. Check for system firmware updates; apply if available.
 2. Upgrade the operating system to a level that supports the new memory representation, or edit the profile to have fewer logical memory blocks than the 8K maximum.
 3. Reboot the partition.
-

BA300040

Explanation: The partition, which is running the traditional memory representation, exceeded the limit of 8192 logical memory blocks allowed by the standard memory allocation scheme.

Problem determination: Do the following:

1. Upgrade the operating system to a level that supports the new memory representation, or edit the profile to have fewer logical memory blocks than the 8K maximum.
 2. Reboot the partition.
-

BA310010

Explanation: The firmware could not obtain the SRC history.

Failing Item:

- FWFLASH
-

BA310020

Explanation: The firmware received an invalid SRC history.

Failing Item:

- FWFLASH
-

BA320030

Explanation: The firmware operation to write the MAC address to vital product data (VPD) failed

Failing Item:

- FWFLASH
-

BA320060

Explanation: Invalid vital product data (VPD): no description was found.

Failing Item:

- FWFLASH
-

BA330000

Explanation: Memory allocation error in partition firmware.

Problem determination:

- Reboot partition
 - Reflash firmware
-

BA330001

Explanation: memory allocation error

Problem determination:

- Reboot partition
 - Reflash firmware
-

BA330002

Explanation: memory allocation error

Problem determination:

- Reboot partition
 - Reflash firmware
-

BA330003

Explanation: memory allocation error

Problem determination:

- Reboot partition
 - Reflash firmware
-

BA330004

Explanation: memory allocation error

Problem determination:

1. Reboot the partition.
 2. Check for system firmware updates; apply if available.
-

BA330010

Explanation: A virtual real memory (VRM) pin page function call failed.

Problem determination:

1. Check for the system firmware updates; apply if available.
 2. Contact your next level of support.
-

BA330011

Explanation: A virtual real memory (VRM) unpin page function call failed.

Problem determination:

1. Check for the system firmware updates; apply if available.
-

2. Contact your next level of support.

BA350000

Explanation: An error occurred when attempting to create a system plan; this normally results in no system plan being created. This is an informational code; typically, no hardware needs to be replaced. The problem may be an intermittent hardware error, or may be firmware-related.

Problem determination:

1. Try again to create a system plan. If the retry is successful and the system plan is created, no other action is required.
2. Check the error logs for hardware errors, and verify that I/O hardware is reporting correctly to the server. If a problem is found, correct it, then try again to create a system plan.
3. Check for and apply any available system firmware update.
4. Contact your next level of support.

BA350100

Explanation: Informational message: the string property value is longer than the buffer that was allocated. The string has been truncated to fit in the buffer space that was allocated.

BA350103

Explanation: Failed to obtain the time and date from firmware.

Problem determination:

1. Check for system firmware updates; apply if available.
2. Reboot the system.

BA350104

Explanation: An error occurred in the firmware function that manages parent topology identifiers.

Problem determination:

1. Reboot the system.
2. Check for system firmware updates; apply if available.

BA360001

Explanation: Host fabric interface (HFI) initialization failed.

Problem determination:

1. Reboot the system.
2. Check for system firmware updates; apply if available.

BA400001

Explanation: DMA trace buffer overflow; informational message.

Response: Check for system firmware updates; apply if available.

BA400002

Explanation: DMA map-out size mismatch; informational message.

Problem determination: Check for system firmware updates; apply if available.

BA54504D

Explanation: A Virtual Trusted Platform Module (vTPM) driver entered a failure state.

Problem determination: Check for system firmware updates; apply if available.

BA54505D

Explanation: An error occurred while trying to return the Virtual Trusted Platform Module (vTPM) to the init state.

Problem determination: Check for system firmware updates; apply if available.

BA600001

Explanation: Unsupported trace type value specified.

Problem determination:

1. Check for and apply any system firmware update.
2. Contact your next level of support for assistance.

BA600002

Explanation: Stack depth incorrect for trace entry type value specified.

Problem determination:

1. Check for and apply any system firmware update.
2. Contact your next level of support for assistance.

(BF67) Reference codes

The Linux operating system detected a failure in the emulex driver.

The first five characters (BFxxx) of these SRCs indicate the driver or subsystem responsible for the error, and the last three characters specifies the error condition. The last three characters of the SRCs are arranged such that 1xx is lowest severity and Fxx is highest severity.

Use the following list to locate the (BF67) Linux SRC that you want to find, then perform the suggested actions.

Note: If the suggested action in the User Response field does not work (or if there is no suggested action), use the action specified in the FRU List.

BF677800

Explanation: An ELS IOCB command was posted to a ring and did not complete within ULP timeout seconds.

Response: If no ELS command is going through the adapter, reboot the system.

Failing Item:

- NEXTLVL

BF677801

Explanation: The driver attempted to issue READ_SPARAM mailbox command to the HBA but there were no buffer available.

Response: This message indicates one of the following conditions:

- A possible lack of memory resources. Try increasing the `lpfc num_bufs` configuration parameter to allocate more buffers
- A possible driver buffer management problem

Failing Item:

- NEXTLVL

BF677802

Explanation: The driver attempted to issue REG_LOGIN mailbox command to the HBA but there were no buffer available.

Response: This message indicates one of the following conditions:

- A possible lack of memory resources. Try increasing the `lpfc num_bufs` configuration parameter to allocate more buffers
- A possible driver buffer management problem

Failing Item:

- NEXTLVL

BF677803

Explanation: This error might indicate a software driver, firmware or hardware problem.

Response: This message indicates one of the following conditions:

- Port rsp ring put index is greater than the size of rsp ring
- Port cmd ring get index is greater than the size of cmd ring
- Port cmd ring get index is greater than the size of cmd ring
- The assigned I/O iotag is greater than the max allowed
- The assigned I/O iotag is greater than the max allowed

Failing Item:

- NEXTLVL

BF677804

Explanation: The Rctl/Type of a received frame did not match anyfor the configured masks for the specified ring. This error might indicate a software driver or firmware problem.

Failing Item:

- NEXTLVL

BF677805

Explanation: Received an unknown IOCB command completion. Thiserror might indicate a software driver or firmware problem.

Failing Item:

- NEXTLVL

BF677806

BF677807 • BF677A05

Explanation: The driver was unable to find a matching command for the completion received on the specified ring. This error might indicate a software driver or firmware problem.

Failing Item:

- NEXTLVL

BF677807

Explanation: A unknown mailbox command completed. This error might indicate a software driver, firmware or hardware problem.

Failing Item:

- NEXTLVL

BF677808

Explanation: The configuration parameter for scan-down is out of range. Software driver error.

Failing Item:

- NEXTLVL

BF677809

Explanation: The driver attempted to register the HBA interrupt service routine with the host operating system but failed. This error might indicate a hardware or driver problem.

Failing Item:

- NEXTLVL

BF67780A

Explanation: The driver manages its own memory for internal usage. This error indicates a problem occurred in the driver memory management routines. This error might also indicate the host system is low on memory resources. This error might indicate a driver or host operating system problem.

Failing Item:

- NEXTLVL

BF67780B

Explanation: This error might indicate a software driver problem.

Response: This message indicates one of the following conditions:

- ASCII string to hex conversion failed. Input byte count less than 1
- ASCII string to hex conversion failed. Input byte count greater than the max num

- ASCII string to hex conversion failed. The output buffer byte size is less than one-half of the input byte count. Every two input chars (bytes) require one output byte

Failing Item:

- NEXTLVL

BF677A00

Explanation: The driver decided to drop an ELS Response ring entry. This error might indicate a software driver or firmware problem.

Failing Item:

- NEXTLVL

BF677A01

Explanation: Received a mailbox completion interrupt and there are outstanding mailbox commands. This error might indicate a hardware or firmware problem. Update firmware.

Failing Item:

- NEXTLVL

BF677A02

Explanation: The driver issued a CONFIG_LINK mbox command to the HBA that failed. This error might indicate a firmware or hardware problem. Update firmware or replace adapter.

Failing Item:

- NEXTLVL

BF677A03

Explanation: The driver issued a READ_SPARAM mbox command to the HBA that failed. This error might indicate a firmware or hardware problem.

Failing Item:

- NEXTLVL

BF677A04

Explanation: The driver issued a CLEAR_LA mbox command to the HBA that failed. This error might indicate a firmware or hardware problem.

Failing Item:

- NEXTLVL

BF677A05

Explanation: A read nvparams mailbox command failed during configport. This error might indicate a hardware or firmware problem.

Failing Item:

- NEXTLVL

BF677A06

Explanation: The driver cannot find the specified buffer in its mapping table. This error might indicate a software driver or firmware problem.

Failing Item:

- NEXTLVL

BF677A07

Explanation: The adapter failed during power-up diagnostics after it was reset. This error might indicate a hardware or firmware problem.

Failing Item:

- NEXTLVL

BF677A08

Explanation: The adapter failed during power-up diagnostics after it was reset. This error might indicate a hardware or firmware problem.

Failing Item:

- NEXTLVL

BF677A09

Explanation: Adapter initialization failed when issuing READ_REV mailbox command. This error might indicate a hardware or firmware problem.

Failing Item:

- NEXTLVL

BF677A0A

Explanation: Outdated firmware was detected during initialization. This error might indicate a hardware or firmware problem. Update firmware.

Failing Item:

- NEXTLVL

BF677A0B

Explanation: Adapter initialization failed when issuing DUMP_VPD mailbox command. This error might indicate a hardware or firmware problem.

Failing Item:

- NEXTLVL

BF677A0C

Explanation: Adapter initialization failed when issuing CONFIG_PORT mailbox command. This error might indicate a hardware or firmware problem.

Failing Item:

- NEXTLVL

BF677A0D

Explanation: Adapter initialization failed when issuing CFG_RING mailbox command. This error might indicate a hardware or firmware problem.

Failing Item:

- NEXTLVL

BF677A0E

Explanation: Adapter initialization failed when issuing CONFIG_LINK mailbox command. This error might indicate a hardware or firmware problem.

Failing Item:

- NEXTLVL

BF677A0F

Explanation: Adapter initialization failed when issuing READ_SPARM mailbox command. This error might indicate a hardware or firmware problem.

Failing Item:

- NEXTLVL

BF677A10

Explanation: Adapter initialization failed when issuing READ_CONFIG mailbox command. This error might indicate a hardware or firmware problem.

Failing Item:

- NEXTLVL

BF677A11

Explanation: Adapter initialization failed when issuing INIT_LINK mailbox command. This error might indicate a hardware or firmware problem.

Failing Item:

- NEXTLVL

BF677A12

Explanation: The driver received an interrupt indicating a possible hardware problem. This error might indicate a hardware or firmware problem.

Failing Item:

- NEXTLVL

(BF75) Reference codes

The Linux operating system detected a failure in the ipr driver.

The first five characters (BFxxx) of these SRCs indicate the driver or subsystem responsible for the error, and the last three characters specifies the error condition. The last three characters of the SRCs are arranged such that 1xx is lowest severity and Fxx is highest severity. For example:

- Errors that require you to check cables occur in the 5xx range
- Errors that require you to perform a microcode update occur in the Axx range
- Errors that require you to replace an adapter occur in the Fxx range

Use the following list to locate the (BF75) Linux SRC that you want to find, then perform the suggested actions.

Note: If the suggested action in the User Response does not work (or if there is no suggested action), use the action specified in the FRU list.

BF751800

Explanation: 8155: An unknown error was received. Have the customer update the device driver.

Failing Item:

- NEXTLVL

BF751A00

Explanation: Firmware file %s not found. Have the customer update the adapter microcode.

Failing Item:

- NEXTLVL

BF751A01

Explanation: Invalid microcode buffer. Have the customer update the adapter microcode.

Failing Item:

- NEXTLVL

BF751A02

Explanation: Microcode buffer allocation failed. Have the customer update the adapter microcode.

Failing Item:

- NEXTLVL

BF751A03

Explanation: Microcode buffer copy to DMA buffer failed. Have the customer update the adapter microcode.

Failing Item:

- NEXTLVL

BF751A04

Explanation: Microcode download required. Have the customer update the adapter microcode.

Failing Item:

- NEXTLVL

BF751A05

Explanation: Failed to map microcode download buffer. Have the customer update the adapter microcode.

Failing Item:

- NEXTLVL

BF751A06

Explanation: 8151: IOA microcode error. Have the customer update the adapter microcode and the device driver.

Failing Item:

- NEXTLVL

BF751C00

Explanation: Adapter being reset due to command timeout. Have the customer update the adapter microcode.

Failing Item:

- IOADPTR

BF751C01

BF751D00 • BF751D0B

Explanation: Invalid resource address. Have the customer update the device driver.

Failing Item:

- IOADPTR

BF751D00

Explanation: 7001: IOA sector reassignment successful. Media error.

Failing Item:

- IO_DEV

BF751D01

Explanation: Unsolicited device bus message received.

Failing Item:

- IO_DEV

BF751D02

Explanation: Device hardware error.

Failing Item:

- IO_DEV

BF751D03

Explanation: Predictive failure analysis.

Failing Item:

- IO_DEV

BF751D04

Explanation: Device error. May occur normally during concurrent maintenance.

Failing Item:

- IO_DEV

BF751D05

Explanation: Out of alternate sectors for disk storage.

Failing Item:

- IO_DEV

BF751D06

Explanation: 9031: Array protection temporarily suspended, protection resuming. Hardware configuration error. Perform MAP 3310 in the *PCI-X SCSI RAID Controller Reference Guide for Linux* .

Failing Item:

- NEXTLVL

BF751D07

Explanation: This message indicates one of the conditions below.

Problem determination:

- Array protection temporarily suspended
- IOA detected device error
- Cache data belongs to devices other than those attached
- Maximum number of arrays already exist
- Incorrect hardware configuration change has been detected

Perform MAP 3390 in the *PCI-X SCSI RAID Controller Reference Guide for Linux* .

Failing Item:

- NEXTLVL

BF751D08

Explanation: IOA detected a SCSI bus configuration error. Device bus error, message or command phase. Perform MAP 3350 in the *PCI-X SCSI RAID Controller Reference Guide for Linux* .

Failing Item:

- NEXTLVL

BF751D09

Explanation: IOA cache data exists for a missing or failed device. Perform MAP 3332 in the *PCI-X SCSI RAID Controller Reference Guide for Linux* .

Failing Item:

- NEXTLVL

BF751D0A

Explanation: Disk unit has been modified after the last known status. Incorrect hardware configuration change has been detected. Perform MAP 3333 in the *PCI-X SCSI RAID Controller Reference Guide for Linux* .

Failing Item:

- NEXTLVL

BF751D0B

Explanation: A permanent cache battery pack failure occurred. Perform MAP 3300 in the *PCI-X SCSI RAID Controller Reference Guide for Linux* .

Failing Item:

- NEXTLVL
-

BF751D0C

Explanation: Cache data associated with attached devices cannot be found. Perform MAP 3320 in the *PCI-X SCSI RAID Controller Reference Guide for Linux*.

Failing Item:

- NEXTLVL
-

BF751D0D

Explanation: Array missing two or more devices with only one device present. Perform MAP 3311 in the *PCI-X SCSI RAID Controller Reference Guide for Linux*.

Failing Item:

- NEXTLVL
-

BF751D0E

Explanation: One or more array members not at required physical locations. Perform MAP 3312 in the *PCI-X SCSI RAID Controller Reference Guide for Linux*.

Failing Item:

- NEXTLVL
-

BF751D0F

Explanation: Array is missing a device and parity is out of sync. Perform MAP 3313 in the *PCI-X SCSI RAID Controller Reference Guide for Linux*.

Failing Item:

- NEXTLVL
-

BF751D10

Explanation: Required cache data cannot be located for a disk unit. Perform MAP 3331 in the *PCI-X SCSI RAID Controller Reference Guide for Linux*.

Failing Item:

- NEXTLVL
-

BF751D11

Explanation: IOA resources not available due to previous problems. Perform MAP 3321 in the *PCI-X SCSI RAID Controller Reference Guide for Linux*.

Failing Item:

- NEXTLVL
-

BF751D12

Explanation: Disk unit requires initialization before use. Perform MAP 3334 in the *PCI-X SCSI RAID Controller Reference Guide for Linux*.

Failing Item:

- NEXTLVL
-

BF751F00

Explanation: Permanent IOA failure.

Failing Item:

- IOADPTR
-

BF751F01

Explanation: Invalid response handle from IOA.

Failing Item:

- IOADPTR
-

BF751F02

Explanation: IOA unit check with no data.

Failing Item:

- IOADPTR
-

BF751F03

Explanation: IOA taken offline - error recovery failed.

Failing Item:

- IOADPTR
-

BF751F04

Explanation: Adapter not supported in this hardware configuration. Remove the unsupported adapter from the system.

Failing Item:

- IOADPTR
-

BF751F05

Explanation: Failed to set PCI DMA mask.

Failing Item:

- IOADPTR
-

BF751F06

Explanation: Write of cache line size failed.

Failing Item:

- IOADPTR
-

BF751F07

Explanation: Failed to save PCI configuration space.

Failing Item:

- IOADPTR
-

BF751F08 • BF751F09

BF751F08

Explanation: Soft PCI bus error.

Failing Item:

- IOADPTR
-

BF751F09

Explanation: Adapter hardware error.

Failing Item:

- IOADPTR

(BF77) Reference codes

The Linux operating system detected a failure in a driver or subsystem.

The first five characters (BFyyy) of these SRCs indicate the driver or subsystem responsible for the error:

- BF77 0xxx specifies the olympic driver
- BF77 5xxx specifies the pcnet32 driver
- BF77 6xxx specifies the bcm 5700 driver
- BF77 7xxx specifies the e100 driver
- BF77 8xxx specifies the e1000 driver

The last three characters specify the error condition. The last three characters of the SRCs are arranged such that 1xx is lowest severity and Fxx is highest severity. For example:

- Errors that require you to check cables occur in the 5xx range
- Errors that require you to perform a microcode update occur in the Axx range
- Errors that require you to replace an adapter occur in the Fxx range

Use the following list to locate the (BF77) Linux SRC that you want to find, then perform the suggested actions:

Note: If the suggested action in the User Response field does not work (or if there is no suggested action), use the action specified in the FRU List.

BF770800

Explanation: The driver was unable to send a received packet to the upper layer protocols because there is insufficient free memory. The customer may need to increase system memory.

Failing Item:

- LPARCFG

BF770A00

Explanation: Unrecognized command code or unrecognized buffer address.

Problem determination:

1. Reload the driver and reset the device to recover lost buffers
2. Upgrade the driver

Failing Item:

- NEXTLVL

BF770F01

Explanation: The olympic driver was unable to initialize the tokenring card. Corrective action may be possible depending upon the error code.

Failing Item:

- IOADPTR

BF770F02

Explanation: The Cardbus token ring adapter did not respond to initialization commands. Ensure that Cardbus adapter is properly inserted.

Failing Item:

- IOADPTR

BF770F03

Explanation: The token ring adapter was unable to join the ring. Have the customer use the network configuration tool supplied by the distributor to specify a ring speed (instead of automatically detecting ring speed).

Failing Item:

- IOADPTR

BF770F04

Explanation: The adapter open request failed with the specified errorcode.

Failing Item:

- IOADPTR

BF770F05

Explanation: The specified hardware, PCI or parity

BF770F06 • BF775F01

error has occurred. Have the customer reset the adapter

Failing Item:

- IOADPTR
-

BF770F06

Explanation: The specified interrupt has occurred, but was not expected by the driver or a timeout occurred during device close processing. For occasional occurrences, no action is required. For excessive occurrences, have the customer reset the adapter. If resetting the adapter does not work, perform the action specified in the Failing Item column.

Failing Item:

- IOADPTR
-

BF770F07

Explanation: Unrecognized srb command or cannot set mac/laa address while card is open. Have the customer reload the driver

Failing Item:

- IOADPTR
-

BF770F08

Explanation: A short circuit has been detected.

Problem determination:

- Check and replace cables, if necessary
- Check and replace peer stations on ring, if necessary

Failing Item:

- IOADPTR
-

BF770F09

Explanation: An internal hardware error has been detected in the specified adapter during auto removal processing. Have the customer reload the driver

Failing Item:

- IOADPTR
-

BF770F0A

Explanation: An FDX protocol error has been detected. Have the customer reload the driver

Failing Item:

- IOADPTR
-

BF770F0B

Explanation: Invalid return code in asb. Have the customer upgrade the driver

Failing Item:

- IOADPTR
-

BF775800

Explanation: The driver was unable to use 32-bit DMA. Have the customer verify the driver software level.

Failing Item:

- NEXTLVL
-

BF775801

Explanation: Memory allocation failed.

Problem determination:

1. Verify the driver software level
2. Increase the memory on the system

Failing Item:

- NEXTLVL
-

BF775802

Explanation: Transmit timed out, resetting. Have the customer verify the driver software level.

Failing Item:

- NEXTLVL
-

BF775803

Explanation: A FIFO error has occurred. Have the customer verify the driver software level.

Failing Item:

- NEXTLVL
-

BF775804

Explanation: The transmit pointers are out of synchronization. Have the customer verify the driver software level.

Failing Item:

- NEXTLVL
-

BF775F00

Explanation: The driver could not enable the PCI device.

Failing Item:

- IOADPTR
-

BF775F01

Explanation: The hardware did not request any IO resources.

Failing Item:

- IOADPTR
-

BF775F02

Explanation: The IO addresses for the card are already allocated. Have the customer verify the driver software level.

Failing Item:

- IOADPTR
-

BF775F03

Explanation: The chip can not be accessed in 32-bit or 16-bit mode. Have the customer verify the driver software level.

Failing Item:

- IOADPTR
-

BF776500

Explanation: Unable to find or create the directory under /proc/net. Have the customer verify that procs is supported by the kernel.

Failing Item:

- NEXTLVL
-

BF776501

Explanation: Insufficient kernel memory available for allocation.

Problem determination:

- Increase the memory on the system
- Install the driver earlier in system bringup

Failing Item:

- NEXTLVL
-

BF776502

Explanation: The driver was unable to use either 64-bit or 32-bit DMA. Have the customer verify driver software level.

Failing Item:

- NEXTLVL
-

BF776503

Explanation: Linux does not support a hardware feature which has been enabled. Run diagnostics to disable Turbo Teaming.

Failing Item:

- NEXTLVL
-

BF776504

Explanation: Memory allocation failed - buffer parameters may be set too high.

Problem determination:

1. Reduce the tx_pkt_desc_cnt parameter of the driver
2. Reduce the rx_std_desc_cnt parameter of the driver
3. Reduce the rx_jumbo_desc_cnt parameter of the driver

Failing Item:

- NEXTLVL
-

BF776505

Explanation: Conflicting rx_coalesce_ticks (0) and rx_max_coalesce_frames(0) parameters.

Problem determination:

1. Change the rx_coalesce_ticks parameter of the driver
2. Change the rx_max_coalesce_frames parameter of the driver

Failing Item:

- NEXTLVL
-

BF776506

Explanation: Conflicting tx_coalesce_ticks (0) and tx_max_coalesce_frames(0) parameters.

Problem determination:

1. Change the tx_coalesce_ticks parameter of the driver
2. Change the tx_max_coalesce_frames parameter of the driver

Failing Item:

- NEXTLVL
-

BF776507

Explanation: The value given to the stats_coalesce_ticks parameter is invalid. Have the customer change the stats_coalesce_ticks parameter of the driver.

Failing Item:

- NEXTLVL
-

BF776800

Explanation: Either this adapter or the system does not allow these of adapter based transmit descriptors.

Problem determination:

1. Verify the driver software level
2. Change the nic_tx_bd parameter

BF776801 • BF777E01

Failing Item:

- NEXTLVL
-

BF776801

Explanation: This adapter does not support hardware checksum offload.

Problem determination:

1. Verify the driver software level
2. Change the driver's rx_checksum parameter
3. Change the driver's tx_checksum parameter

Failing Item:

- NEXTLVL
-

BF776802

Explanation: This adapter does not support hardware TSO.

Problem determination:

1. Verify the driver software level
2. Change the driver's enable_tso parameter

Failing Item:

- NEXTLVL
-

BF776A00

Explanation: This adapter hardware does not support frames sizes over 1500 bytes. Have the customer verify the driver software level. If you replace the adapter, use one that offers additional capabilities

Failing Item:

- IOADPTR
-

BF776F00

Explanation: Unable to read the adapter's NVRAM. Have the customer verify the driver software level

Failing Item:

- IOADPTR
-

BF776F01

Explanation: Cannot get MAC addr from NVRAM. Have the customer verify the driver software level

Failing Item:

- IOADPTR
-

BF776F02

Explanation: Unable to read PCI Config space or NVRAM. Have the customer verify the driver software level

Failing Item:

- IOADPTR
-

BF777800

Explanation: Internal error in driver, kernel, or firmware.

Problem determination:

1. Verify the driver software level.
2. Run diagnostics.

Failing Item:

- NEXTLVL
-

BF777801

Explanation: Insufficient kernel memory is available for the driver.

Problem determination:

1. Install more memory in the system
2. Reconfigure the kernel to reduce memory consumption
3. Install the driver earlier in system bringup

Failing Item:

- NEXTLVL
-

BF777802

Explanation: Internal error in driver, kernel, or firmware.

Problem determination:

1. Verify the driver software level
2. Run diagnostics

Failing Item:

- NEXTLVL
-

BF777E00

Explanation: Not enough memory for the driver. Unable to initialize (or reinitialize) the adapter card.

Problem determination:

1. Verify the driver software level
2. Reconfigure the kernel to reduce memory consumption, then reboot

Failing Item:

- IOADPTR
-

BF777E01

Explanation: The BIOS has assigned conflicting address spaces to different devices.

Problem determination:

1. Run diagnostics
2. Upgrade the BIOS

Failing Item:

- IOADPTR

BF777E02

Explanation: The driver requested a DMA configuration that your system does not support.

Problem determination:

1. Verify the driver software level
2. Run diagnostics

Failing Item:

- IOADPTR

BF777E03

Explanation: The adapter's MAC address is not a valid Ethernet address.

Problem determination:

1. Verify the driver software level
2. Run diagnostics

Failing Item:

- IOADPTR

BF777F00

Explanation: The EEPROM on the network adapter may be corrupted.

Failing Item:

- IOADPTR

BF777F01

Explanation: The driver cannot enable the adapter as a PCI device.

Failing Item:

- IOADPTR

BF777F02

Explanation: The network adapter failed its self-test.

Failing Item:

- IOADPTR

BF778E00

Explanation: Cannot enable DMA for either 32 bits or 64 bits.

Failing Item:

- NEXTLVL

BF778E01

Explanation: Unable to access PCI data area for checksum value. However, the device id is valid.

Problem determination:

- Verify the driver software level
- Run diagnostics
- Replace board

Failing Item:

- NEXTLVL

BF778E02

Explanation: The MAC type is not ethernet as expected.

Problem determination:

- Verify the driver software level
- Run diagnostics

Failing Item:

- IOADPTR

BF778F00

Explanation: Adapter hardware failure.

Failing Item:

- IOADPTR

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The manufacturer's computer systems contain mechanisms designed to reduce the possibility of undetected data corruption or loss. This risk, however, cannot be eliminated. Users who experience unplanned outages, system failures, power fluctuations or outages, or component failures must verify the accuracy of operations performed and data saved or transmitted by the system at or near the time of the outage or failure. In addition, users must establish procedures to ensure that there is independent data verification before relying on such data in sensitive or critical operations. Users should periodically check the manufacturer's support websites for updated information and fixes applicable to the system and related software.

Homologation statement

This product may not be certified in your country for connection by any means whatsoever to interfaces of public telecommunications networks. Further certification may be required by law prior to making any such connection. Contact an IBM representative or reseller for any questions.

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Java and all Java-based trademarks and logos are trademarks or registered trademarks of Oracle and/or its affiliates.

UNIX is a registered trademark of The Open Group in the United States and other countries.

Electronic emission notices

When attaching a monitor to the equipment, you must use the designated monitor cable and any interference suppression devices supplied with the monitor.

Class A Notices

The following Class A statements apply to the IBM servers that contain the POWER7[®] processor and its features unless designated as electromagnetic compatibility (EMC) Class B in the feature information.

Federal Communications Commission (FCC) statement

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. IBM is not responsible for any radio or television interference caused by using other than recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Industry Canada Compliance Statement

This Class A digital apparatus complies with Canadian ICES-003.

Avis de conformité à la réglementation d'Industrie Canada

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

European Community Compliance Statement

This product is in conformity with the protection requirements of EU Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility. IBM cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product, including the fitting of non-IBM option cards.

This product has been tested and found to comply with the limits for Class A Information Technology Equipment according to European Standard EN 55022. The limits for Class A equipment were derived for commercial and industrial environments to provide reasonable protection against interference with licensed communication equipment.

European Community contact:
IBM Deutschland GmbH
Technical Regulations, Department M372
IBM-Allee 1, 71139 Ehningen, Germany
Tele: +49 7032 15 2941
email: lugi@de.ibm.com

Warning: This is a Class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

VCCI Statement - Japan

この装置は、クラスA 情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

VCCI-A

The following is a summary of the VCCI Japanese statement in the box above:

This is a Class A product based on the standard of the VCCI Council. If this equipment is used in a domestic environment, radio interference may occur, in which case, the user may be required to take corrective actions.

Japanese Electronics and Information Technology Industries Association (JEITA) Confirmed Harmonics Guideline (products less than or equal to 20 A per phase)

高調波ガイドライン適合品

Japanese Electronics and Information Technology Industries Association (JEITA) Confirmed Harmonics Guideline with Modifications (products greater than 20 A per phase)

高調波ガイドライン準用品

Electromagnetic Interference (EMI) Statement - People's Republic of China

声 明

此为 A 级产品, 在生活环境中, 该产品可能会造成无线电干扰。在这种情况下, 可能需要用户对其干扰采取切实可行的措施。

Declaration: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may need to perform practical action.

Electromagnetic Interference (EMI) Statement - Taiwan

警告使用者：
這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

The following is a summary of the EMI Taiwan statement above.

Warning: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user will be required to take adequate measures.

IBM Taiwan Contact Information:

台灣IBM 產品服務聯絡方式：
台灣國際商業機器股份有限公司
台北市松仁路7號3樓
電話：0800-016-888

Electromagnetic Interference (EMI) Statement - Korea

이 기기는 업무용(A급)으로 전자파적합기기로서 판매자 또는 사용자는 이 점을 주의하시기 바라며, 가정외의 지역에서 사용하는 것을 목적으로 합니다.

Germany Compliance Statement

Deutschsprachiger EU Hinweis: Hinweis für Geräte der Klasse A EU-Richtlinie zur Elektromagnetischen Verträglichkeit

Dieses Produkt entspricht den Schutzanforderungen der EU-Richtlinie 2004/108/EG zur Angleichung der Rechtsvorschriften über die elektromagnetische Verträglichkeit in den EU-Mitgliedsstaaten und hält die Grenzwerte der EN 55022 Klasse A ein.

Um dieses sicherzustellen, sind die Geräte wie in den Handbüchern beschrieben zu installieren und zu betreiben. Des Weiteren dürfen auch nur von der IBM empfohlene Kabel angeschlossen werden. IBM übernimmt keine Verantwortung für die Einhaltung der Schutzanforderungen, wenn das Produkt ohne Zustimmung von IBM verändert bzw. wenn Erweiterungskomponenten von Fremdherstellern ohne Empfehlung von IBM gesteckt/eingebaut werden.

EN 55022 Klasse A Geräte müssen mit folgendem Warnhinweis versehen werden:
"Warnung: Dieses ist eine Einrichtung der Klasse A. Diese Einrichtung kann im Wohnbereich Funk-Störungen verursachen; in diesem Fall kann vom Betreiber verlangt werden, angemessene Maßnahmen zu ergreifen und dafür aufzukommen."

Deutschland: Einhaltung des Gesetzes über die elektromagnetische Verträglichkeit von Geräten

Dieses Produkt entspricht dem "Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG)". Dies ist die Umsetzung der EU-Richtlinie 2004/108/EG in der Bundesrepublik Deutschland.

Zulassungsbescheinigung laut dem Deutschen Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG) (bzw. der EMC EG Richtlinie 2004/108/EG) für Geräte der Klasse A

Dieses Gerät ist berechtigt, in Übereinstimmung mit dem Deutschen EMVG das EG-Konformitätszeichen - CE - zu führen.

Verantwortlich für die Einhaltung der EMV Vorschriften ist der Hersteller:
International Business Machines Corp.
New Orchard Road
Armonk, New York 10504
Tel: 914-499-1900

Der verantwortliche Ansprechpartner des Herstellers in der EU ist:
IBM Deutschland GmbH
Technical Regulations, Abteilung M372
IBM-Allee 1, 71139 Ehningen, Germany
Tel: +49 7032 15 2941
email: lugi@de.ibm.com

Generelle Informationen:

Das Gerät erfüllt die Schutzanforderungen nach EN 55024 und EN 55022 Klasse A.

Electromagnetic Interference (EMI) Statement - Russia

ВНИМАНИЕ! Настоящее изделие относится к классу А.
В жилых помещениях оно может создавать радиопомехи, для снижения которых необходимы дополнительные меры

Class B Notices

The following Class B statements apply to features designated as electromagnetic compatibility (EMC) Class B in the feature installation information.

Federal Communications Commission (FCC) statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an IBM-authorized dealer or service representative for help.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. Proper cables and connectors are available from IBM-authorized dealers. IBM is not responsible for any radio or television interference caused by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Industry Canada Compliance Statement

This Class B digital apparatus complies with Canadian ICES-003.

Avis de conformité à la réglementation d'Industrie Canada

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

European Community Compliance Statement

This product is in conformity with the protection requirements of EU Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility. IBM cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product, including the fitting of non-IBM option cards.

This product has been tested and found to comply with the limits for Class B Information Technology Equipment according to European Standard EN 55022. The limits for Class B equipment were derived for typical residential environments to provide reasonable protection against interference with licensed communication equipment.

European Community contact:
IBM Deutschland GmbH
Technical Regulations, Department M372
IBM-Allee 1, 71139 Ehningen, Germany
Tele: +49 7032 15 2941
email: lugi@de.ibm.com

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取扱説明書に従って正しい取り扱いをして下さい。 VCCI-B

Japanese Electronics and Information Technology Industries Association (JEITA) Confirmed Harmonics Guideline (products less than or equal to 20 A per phase)

高調波ガイドライン適合品

Japanese Electronics and Information Technology Industries Association (JEITA) Confirmed Harmonics Guideline with Modifications (products greater than 20 A per phase)

高調波ガイドライン準用品

IBM Taiwan Contact Information

台灣IBM 產品服務聯絡方式：
台灣國際商業機器股份有限公司
台北市松仁路7號3樓
電話：0800-016-888

Electromagnetic Interference (EMI) Statement - Korea

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Germany Compliance Statement

Deutschsprachiger EU Hinweis: Hinweis für Geräte der Klasse B EU-Richtlinie zur Elektromagnetischen Verträglichkeit

Dieses Produkt entspricht den Schutzanforderungen der EU-Richtlinie 2004/108/EG zur Angleichung der Rechtsvorschriften über die elektromagnetische Verträglichkeit in den EU-Mitgliedsstaaten und hält die Grenzwerte der EN 55022 Klasse B ein.

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Deutschland: Einhaltung des Gesetzes über die elektromagnetische Verträglichkeit von Geräten

Dieses Produkt entspricht dem "Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG)". Dies ist die Umsetzung der EU-Richtlinie 2004/108/EG in der Bundesrepublik Deutschland.

Zulassungsbescheinigung laut dem Deutschen Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG) (bzw. der EMC EG Richtlinie 2004/108/EG) für Geräte der Klasse B

Dieses Gerät ist berechtigt, in Übereinstimmung mit dem Deutschen EMVG das EG-Konformitätszeichen - CE - zu führen.

Verantwortlich für die Einhaltung der EMV Vorschriften ist der Hersteller:
International Business Machines Corp.
New Orchard Road
Armonk, New York 10504
Tel: 914-499-1900

Der verantwortliche Ansprechpartner des Herstellers in der EU ist:
IBM Deutschland GmbH
Technical Regulations, Abteilung M372
IBM-Allee 1, 71139 Ehningen, Germany
Tel: +49 7032 15 2941
email: lugi@de.ibm.com

Generelle Informationen:

Das Gerät erfüllt die Schutzanforderungen nach EN 55024 und EN 55022 Klasse B.

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