

Power Systems

*System reference codes (Bxxx)*

**IBM**



Power Systems

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**Note**

Before using this information and the product it supports, read the information in “Safety notices” on page v, “Notices” on page 701, 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)

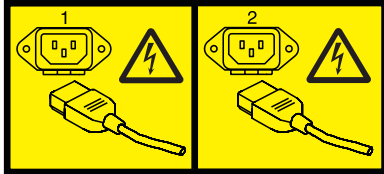
(L001)



(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.

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## 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.”

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### 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.



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## (B002) Reference codes

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### 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

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### 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

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**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
- 

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**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

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### 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

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### 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

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### 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





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## (B010) Reference codes

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### 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

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### 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



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## (B012) Reference codes

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### **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

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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 Advanced System Manage Interface (ASMI).
- Serviceable event views are:
  - Management console service focal point
  - Linux<sup>®</sup> Diagnostic Messages Log
  - System control panel
  - ASMI listed under serviceable events

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### 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.

**Response:** If this 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

## B110E501 • B111C034

**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

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### B1112601

**Explanation:** Failed to unflatten an error log.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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 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.

---

**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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## 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.



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**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.

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**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.

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**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.

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**B150D145**

**Explanation:** An scom attention was detected on the current chip.

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**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.

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**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.

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**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.

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**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.

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**B1517202**

**Explanation:** The permanent and temporary firmware sides are both marked invalid

**Response:** Perform FSPSP02.

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**B1517203**

**Explanation:** Error setting boot parameters

**Response:** Perform FSPSP02.

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**B1517204**

**Explanation:** Error reading boot parameters

**Response:** Perform FSPSP02.

---

**B1517205**

**Explanation:** Boot code error

**Response:** Perform FSPSP02.

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**B1517206**

**Explanation:** Unit check timer was reset

**Response:** Perform FSPSP02.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.



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**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.

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**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.

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**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.

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**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 SEEPRM.

**Response:** If this 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

---

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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

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**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.



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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.



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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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

## B1811036 • B1811045

callouts detailed with the SRC to determine service actions.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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

## B1811154 • B1811302

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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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---

**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

---

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**B1812600**

**Explanation:** A vital product data (VPD) error occurred.

**Response:** Use the FRU and procedure callouts detailed with the SRC to determine service actions.

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**B1812601**

**Explanation:** An internal error occurred when processing a request in TMGT

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**B1812602**

**Explanation:** The sensors could not be read due to thermal monitoring being disabled

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**B1812603**

**Explanation:** The processor FRU RID is not present in the TMGT configuration tables

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**B1812605**

**Explanation:** The alert level is invalid

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**B1812606**

**Explanation:** The domain is invalid

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**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.

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**B1812609**

**Explanation:** Command to POWR via SPIF failed

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**B181260A**

**Explanation:** Request to CHIC/PRD failed

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**B181260E**

**Explanation:** When the processors were being polled about their utilization levels, at least one processor returned an invalid status.

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**B181260F**

**Explanation:** The processor card's thermal index is invalid, or the function is not supported

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**B1812611**

**Explanation:** Invalid chip number

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**B1812612**

**Explanation:** Invalid message size

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**B1812613**

**Explanation:** GPIO read failure

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**B1812614**

**Explanation:** Registry read operation failure

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**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.

---

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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## 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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---

**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.

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**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.

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**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.

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**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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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---

**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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 ReadVSRCSBlock().

**Response:** If this 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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

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## B1813906 • B1813921

callouts detailed with the SRC to determine service actions.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.



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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

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#### 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.

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#### 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.

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#### 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.

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#### 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.

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#### 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.

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#### 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.

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#### 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.

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#### 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.

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#### 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.

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#### 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.

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#### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.



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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**B1817200**

**Explanation:** Invalid boot request

**Response:** Perform FSPSP02.

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**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.

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**B1817202**

**Explanation:** The permanent and temporary firmware sides are both marked invalid

**Response:** Perform FSPSP02.

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**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.

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**B1817206**

**Explanation:** Unit check timer was reset

**Response:** Perform FSPSP02.

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**B1817207**

**Explanation:** Error reading from NVRAM

**Response:** Perform FSPSP02.

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**B1817208**

**Explanation:** Error writing to NVRAM

**Response:** Perform FSPSP02.

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**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.

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**B181720A**

**Explanation:** Power-off reset occurred. FipsDump should be analyzed: Possible software problem

**Response:** Perform FSPSP02.

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**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.

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**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.

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**B1817211**

**Explanation:** An error occurred on the service processor.

**Response:** Perform FSPSP02.

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**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.

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**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.

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**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.

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**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

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**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.

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**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.

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**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.

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**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.

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**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.

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### 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.

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### 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.

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### 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.



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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.



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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.



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**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.

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**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.

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**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.

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**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.

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**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.

---

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**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

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callouts detailed with the SRC to determine service actions.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**B1818804**

**Explanation:** Failed to create a synchronization 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**B1818901**

**Explanation:** An error occurred when the service processor synchronization (SINK) interface tried to read firmware data.

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**B1818902**

**Explanation:** The service processor synchronization (SINK) interface timed out waiting for a firmware component to create a synchronization lock.

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**B1818903**

**Explanation:** The service processor synchronization (SINK) interface timed out waiting for a firmware component to establish a synchronization lock.

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**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.

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**B1818906**

**Explanation:** A firmware component failed to create a synchronization lock.

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**B1818907**

**Explanation:** The service processor synchronization (SINK) interface detected that another firmware server is currently running.

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**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.

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**B1818913**

**Explanation:** An invalid file was passed to the service processor synchronization (SINK) interface.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.



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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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---

**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.

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**B1819906**

**Explanation:** The service processor capacity on demand (SCOD) interface does not recognize the power-off IPL type.

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**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.

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**B1819908**

**Explanation:** A firmware component tried to use the service processor capacity on demand (SCOD) interface in an invalid manner.

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**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.

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**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.



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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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**

**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.

---

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**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.

---

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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## B181A477 • B181A483

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.



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**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.

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**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.

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**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.

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**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.

---

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**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.

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**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.

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**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.

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**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.

---

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**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.

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**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.

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**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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

---

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

---

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**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.

---

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**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.

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**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.

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#### 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.

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#### 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.

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#### 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.

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#### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

---

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**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.

---

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**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.

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**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.

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**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.

---

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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:** Scanning caching is on; it must be off prior to accessing a scanning.

**Response:** If this 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.

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**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.

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**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.

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**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.

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**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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.



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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

---

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**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.

---

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**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.

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**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.

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**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.

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**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.

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**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.

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**B181D104**

**Explanation:** The write operation failed when writing to the attnDataFile.

**Response:** If this 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

---

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**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.

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**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.

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**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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.



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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.



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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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## B181E623 • B181E62F

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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:** Inforomational 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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## B181E712 • B181E71E

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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## B181E72B • B181E738

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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

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### 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.

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### 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.

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### 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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

---

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

---

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

---

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**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.



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## (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.

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**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

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**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.

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**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

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**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

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**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

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**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

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**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

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**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

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**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

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### 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

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### 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

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### 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

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### 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

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### 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

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.

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### 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.



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**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.

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**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

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**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

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**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

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**B2006115**

**Explanation:** The IBM i lids needed for IPL are compressed.

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**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.

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**B2008080**

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

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**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

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### 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

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### 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

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### 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

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### 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.

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**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

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### B200B07B

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

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### 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.

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**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.

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**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.

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**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

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### 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.

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### 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.

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### 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



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**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.

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**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.



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## (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.

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### B3010001

**Explanation:** Hardware Management Console (HMC) or partition connection monitoring fault

**Failing Item:**

- NEXTLVL

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### 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

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### 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

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### 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

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### 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

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### 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

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### 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

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**B3030010**

**Explanation:** A single HMC link to one HMC failure occurred on a redundant path.

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**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

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**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

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**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

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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.

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**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**

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## (B4xx) Reference codes

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### B400001

**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

---

### B400002

**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

---

### B400003

**Explanation:** An attempt to setup an I/O mapping with the Hypervisor has failed.

---

### B400004

**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

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### 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

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**B400FF40**

**Explanation:** An adapter port or link error has occurred.

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**B400FF41**

**Explanation:** Invalid configuration request

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**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.

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**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.





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## (B6xx) Reference codes

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### 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.

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### 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.

## B6005310 • B6005344

### 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.

## B6006907 • B600690B

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.

## B6006944 • B6006963

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

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**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:**

- SIIOADP
- 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
- SIIOADP
- 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

## B6xx0308 • B6xx0401

---

### 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

## B6xx4422 • B6xx4714

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

## B6xx6965 • B6xx6969

(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.

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**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.

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**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.

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**B6xx69C5**

**Explanation:** I/O processor failure.

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

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**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

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**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

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**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

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**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.

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**B70047CC**

**Explanation:** (N/A for external service docs)

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**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)

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**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
- 

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**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.

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**B7005190**

**Explanation:** PHYP VIO has detected that partition software has created an error condition.

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**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

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### 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

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### 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

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### 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

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### 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

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### 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

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**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.

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**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

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**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

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**B7006952**

**Explanation:** NVRAM was cleared. System log entry only, no service action required

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**B7006953**

**Explanation:** NVRAM unavailable following service processor reset/reload.

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

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**B7006954**

**Explanation:** An NVRAM failure was detected.

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**B7006955**

**Explanation:** An NVRAM failure was detected.

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**B7006956**

**Explanation:** An NVRAM failure was detected.

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

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**B7006965**

**Explanation:** Platform LIC detected an error

**Response:** Unknown hardware detected. Look for other errors.

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**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

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**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

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**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.

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**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:**

- SVCDPCS
- 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

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**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:**

- SVCDPCS

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**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:**

- SVCDPCS

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**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.

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**B70069C2**

**Explanation:** HSL OptiConnect established a normal connection to another system or partition. System log entry only, no service action required.

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**B70069C3**

**Explanation:** HSL OptiConnect disconnected normally from a remote node. System log entry only, no service action required.

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**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

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**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

## B70069CF • B70069E2

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

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### 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.

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**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.

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**B70069EA**

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

**Response:** Subnet Manager connection is established. No service action required.

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**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

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**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

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**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

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### 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

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### 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

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### B7009900

**Explanation:** (N/A for external service docs)

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### B7009901

**Explanation:** (N/A for external service docs)

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### B7009902

**Explanation:** (N/A for external service docs)

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### B7009904

**Explanation:** (N/A for external service docs)

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### B7009905

**Explanation:** (N/A for external service docs)

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### B7009906

**Explanation:** (N/A for external service docs)

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### B7009907

**Explanation:** (N/A for external service docs)

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### B700990F

**Explanation:** (N/A for external service docs)

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### B7009999

**Explanation:** (N/A for external service docs)

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**B70099FF**

**Explanation:** (N/A for external service docs)

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**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.

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**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
- 

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**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

---

## (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\_REVM 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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## **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<sup>®</sup> 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.

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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](mailto:lugi@de.ibm.com)

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VCCI-A

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### 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

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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.

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### 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

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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.

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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.**

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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.

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- 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.

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### **Avis de conformité à la réglementation d'Industrie Canada**

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高調波ガイドライン準用品

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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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