

## System Reference Codes (Bxxx)

ESCALA Power7



REFERENCE  
86 A1 48FF 02



# ESCALA Power7

## System Reference Codes (Bxxx)

The ESCALA Power7 publications concern the following models:

- Bull Escala E5-700 (Power 750 / 8233-E8B)
- Bull Escala M6-700 (Power 770 / 9117-MMB)
- Bull Escala M6-705 (Power 770 / 9117-MMC)
- Bull Escala M7-700 (Power 780 / 9179-MHB)
- Bull Escala M7-705 (Power 780 / 9179-MHC)
- Bull Escala E1-700 (Power 710 / 8231-E2B)
- Bull Escala E1-705 (Power 710 / 8231-E1C)
- Bull Escala E2-700 / E2-700T (Power 720 / 8202-E4B)
- Bull Escala E2-705 / E2-705T (Power 720 / 8202-E4C)
- Bull Escala E3-700 (Power 730 / 8231-E2B)
- Bull Escala E3-705 (Power 730 / 8231-E2C)
- Bull Escala E4-700 / E4-700T (Power 740 / 8205-E6B)
- Bull Escala E4-705 (Power 740 / 8205-E6C)

References to Power 755 / 8236-E8C models are irrelevant.

## Hardware

October 2011

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B.P.20845  
49008 ANGERS CEDEX 01  
FRANCE

**REFERENCE**  
**86 A1 48FF 02**

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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, a safety information booklet is included in the publications package shipped with the product. The booklet 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 in the booklet. You should also refer to the booklet any time you do not clearly understand any safety information in the U.S. English publications.

### German safety information

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

### Laser safety information

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

### Laser compliance

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

## DANGER

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

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

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

To Disconnect:

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

To Connect:

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

(D005)

## DANGER



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

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



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

#### CAUTION

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

(R001)

**CAUTION:**

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

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

(R002)

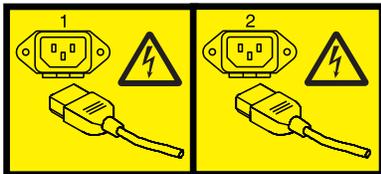
(L001)



(L002)



(L003)



or



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

**CAUTION:**

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

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

(C026)

**CAUTION:**

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

**CAUTION:**

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

**CAUTION:**

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

**CAUTION:**

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

*Do Not:*

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

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

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

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

The equipment is suitable for installation in the following:

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

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

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

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

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

---

## System reference codes (Bxxx) overview

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

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

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

---

### Block replacement of FRUs

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

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

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

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



---

## (B002) Reference codes

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**B0022321**    **B0022321**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- UJE34

---

**B0022322**    **B0022322**

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

**Failing Item:**

- UJE34

---

**B0022340**    **B0022340**

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

**Failing Item:**

- FI00704
- UJB35
- UJ0E3
- FI00701

---

**B0022651**    **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**    **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**    **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**    **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**    **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 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 B0022660

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

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

**Failing Item:**

- UJ0E3
- FI00704

---

### B0023200 B0023200

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

**Failing Item:**

- FI00704
- UJB35
- FI00701
- FI00719

---

### B0023201 B0023201

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

**Failing Item:**

- FI00704
- UJB35
- FI00701
- FI00719

---

### B0023202 B0023202

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

**Failing Item:**

- FI00704
- UJB35
- FI00701
- FI00719

---

### B0023203 B0023203

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

**Failing Item:**

- FI00704
- UJB35
- FI00701
- FI00719

---

### B0023204 B0023204

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

**Failing Item:**

- UJB36
- UJ0E3
- FI00705
- FI00703

---

### B0023205 B0023205

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

**Failing Item:**

- UJB35

---

### B0023206 B0023206

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

**Failing Item:**

- FI00703
- UJB35
- UJ0E3
- FI00702

---

### B0023207 B0023207

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

**Failing Item:**



- FI00703
- UJB35
- UJ0E3
- FI00702
- UJB36

---

**B0023208    B0023208**

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

**Failing Item:**

- FI00702
- FI00703
- UJB35
- FI00719

---

**B0023209    B0023209**

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

**Failing Item:**

- FI00703
- UJB35
- UJ0E3
- FI00702
- UJB36

---

**B002320B    B002320B**

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

**Failing Item:**

- FI00704
- UJB35
- UJ0E3
- FI00701

---

**B002320C    B002320C**

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

**Failing Item:**

- UJB36
- UJB35

---

**B0024200    B0024200**

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

**Failing Item:**

- UJ0E3
- UJB35

- FI00719

---

**B0024201    B0024201**

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

**Failing Item:**

- UJ0E3

---

**B0024202    B0024202**

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

**Failing Item:**

- UJB35
- UJB37

---

**B0024203    B0024203**

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

**Failing Item:**

- UJB35
- UJB37

---

**B0024204    B0024204**

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

**Failing Item:**

- FI00730
- FI00719
- UJB35

---

**B0024205    B0024205**

**Explanation:** Communications IOP cannot receive; limit reached

**Failing Item:**

- FI00730
- FI00719
- UJB35

---

**B0024206    B0024206**

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

**Failing Item:**

- FI00730
- AJDG301

## B0024207 • B0024506

---

**B0024207**    **B0024207**

**Explanation:** Continuous synchronization on line; error limit reached

**Failing Item:**

- UJ0E3
- 

**B0024208**    **B0024208**

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

**Failing Item:**

- UJ0E3
- 

**B0024209**    **B0024209**

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

**Failing Item:**

- UJ0E3
  - FI00719
  - UJB35
- 

**B0024220**    **B0024220**

**Explanation:** Communications line already in use

**Failing Item:**

- AJDG301
  - FI00719
  - UJB35
- 

**B0024240**    **B0024240**

**Explanation:** Adapter not installed

**Failing Item:**

- AJDG301
  - FI00719
  - UJB35
- 

**B0024340**    **B0024340**

**Explanation:** V.25 adapter not installed

**Failing Item:**

- AJDG301
  - UJB35
  - FI00719
  - FI00702
- 

---

**B0024376**    **B0024376**

**Explanation:** Automatic call unit already in use

**Failing Item:**

- AJDG301
  - UJB35
  - UJC38
- 

**B0024502**    **B0024502**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
  - FI00730
- 

**B0024503**    **B0024503**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
- 

**B0024504**    **B0024504**

**Explanation:** Incorrect parts installed for BSC communications

**Failing Item:**

- UJB35
  - AJDG301
- 

**B0024505**    **B0024505**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
  - UJB35
  - FI00730
- 

**B0024506**    **B0024506**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
  - UJB35
  - FI00730
-

---

**B0024508**    **B0024508**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
  - FI00730
- 

**B0024509**    **B0024509**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
  - FI00730
- 

**B002450A**    **B002450A**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
  - FI00730
  - UJB35
- 

**B002450B**    **B002450B**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
  - FI00730
- 

**B002450E**    **B002450E**

**Explanation:** Call type not permitted

**Failing Item:**

- AJDG301
  - FI00730
  - UJB35
- 

**B0024590**    **B0024590**

**Explanation:** Wrong telephone number specified in system configuration

**Failing Item:**

- UJB36
  - FI00703
  - UJ0E3
  - FI00702
- 

---

**B0024592**    **B0024592**

**Explanation:** No number specified in controller description

**Failing Item:**

- UJB36
- 

**B0024594**    **B0024594**

**Explanation:** Wrong telephone number specified in system configuration

**Failing Item:**

- UJB36
  - FI00730
  - AJDG301
- 

**B0025410**    **B0025410**

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

**Failing Item:**

- FI00704
  - UJB35
  - FI00702
  - FI00719
- 

**B0025472**    **B0025472**

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

**Failing Item:**

- FI00703
  - UJC38
  - FI00719
  - FI00702
- 

**B0025474**    **B0025474**

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

**Failing Item:**

- FI00702
  - FI00703
  - FI00719
  - UJ0E3
- 

**B0025476**    **B0025476**

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

**Failing Item:**

- FI00703
  - FI00719
  - FI00702
-

## B0025501 • B0025651

---

**B0025501**    **B0025501**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
- FI00730

---

**B0025502**    **B0025502**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
- FI00730

---

**B0025503**    **B0025503**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
- FI00730

---

**B0025504**    **B0025504**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
- UJB35

---

**B0025505**    **B0025505**

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

**Failing Item:**

- FI00730

---

**B0025520**    **B0025520**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
- FI00730

---

**B0025521**    **B0025521**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301

- FI00730

---

**B0025549**    **B0025549**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
- FI00730

---

**B0025590**    **B0025590**

**Explanation:** Too many dial digits in call setup

**Failing Item:**

- UJB36

---

**B0025630**    **B0025630**

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

**Failing Item:**

- FI00700
- UJ0E3
- UJB35
- FI00701
- FI00719

---

**B0025632**    **B0025632**

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

**Failing Item:**

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

---

**B0025651**    **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    B0025684**

**Explanation:** Automatic call unit has call-clear error

**Failing Item:**

- FI00704
- FI00701
- AJDG301
- FI00719

---

**B0025886    B0025886**

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

**Failing Item:**

- FI00703
- FI00719
- UJ0E3
- FI00702

---

**B0025A18    B0025A18**

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

**Failing Item:**

- FI00704
- FI00701
- FI00719

---

**B0025A1C    B0025A1C**

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

**Failing Item:**

- UJ0E3
- UJB35
- FI00704
- FI00701
- FI00719

---

**B0025A20    B0025A20**

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

**Failing Item:**

- UJ0E3
- UJB35
- FI00704
- FI00701
- FI00719

---

**B0025A24    B0025A24**

**Explanation:** Carrier-detect dropped on modem interface

**Failing Item:**

- FI00701
- FI00704
- UJ0E3
- FI00719

---

**B0025A54    B0025A54**

**Explanation:** Data-set-ready did not drop during time-out

**Failing Item:**

- FI00704
- UJB35
- FI00701
- FI00719

---

**B0025A58    B0025A58**

**Explanation:** Data-set-ready did not come up during time-out

**Failing Item:**

- FI00701
- FI00704
- FI00719
- AJDG301

---

**B0025C68    B0025C68**

**Explanation:** Too many user connections attempted

**Failing Item:**

- AJDG301

---

**B0025E00    B0025E00**

**Explanation:** Wrong or no external communications cable installed

**Failing Item:**

- UJB35
- FI00701
- FI00719

---

**B0025E01    B0025E01**

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

**Failing Item:**

- UJC38
- FI00704

## B0026210 • B0027C00

- FI00701
- FI00719

---

### B0026210 B0026210

**Explanation:** Communications controller storage not available

**Failing Item:**

- UJB35
- FI00730

---

### B0026212 B0026212

**Explanation:** Storage deallocation error

**Failing Item:**

- FI00730

---

### B0026214 B0026214

**Explanation:** Storage allocation error

**Failing Item:**

- FI00730

---

### B0026288 B0026288

**Explanation:** Port not operational

**Failing Item:**

- FI00719
- AJDG301
- UJB35

---

### B0026320 B0026320

**Explanation:** Automatic call unit has abandon-call attempt

**Failing Item:**

- FI00700
- UJB36
- FI00703
- FI00719
- FI00702

---

### B0026322 B0026322

**Explanation:** Abandon call retry error; incorrect number length

**Failing Item:**

- FI00703
- UJB36

---

### B0026870 B0026870

**Explanation:** Automatic call unit power turned off

**Failing Item:**

- FI00703
- FI00702
- FI00719

---

### B0026890 B0026890

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

**Failing Item:**

- UJ0E3
- FI00701
- FI00704
- FI00719

---

### B0026C05 B0026C05

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

**Failing Item:**

- FI00730
- AJDG301

---

### B0026C0A B0026C0A

**Explanation:** Hardware detected failure

**Failing Item:**

- FI00719
- FI00718

---

### B0027210 B0027210

**Explanation:** Communications controller storage not available

**Failing Item:**

- UJB35
- FI00730

---

### B0027212 B0027212

**Explanation:** Communications program error

**Failing Item:**

- FI00730
- AJDG301

---

### B0027C00 B0027C00

**Explanation:** Communications program error

**Failing Item:**

- FI00730

---

**B0027C02**    **B0027C02**

**Explanation:** Communications program error

**Failing Item:**

- FI00730

---

**B0027C03**    **B0027C03**

**Explanation:** Resource or storage not available

**Failing Item:**

- UJB37
- FI00730

---

**B0027C04**    **B0027C04**

**Explanation:** Communications program error

**Failing Item:**

- FI00730

---

**B0027C05**    **B0027C05**

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

**Failing Item:**

- FI00730

---

**B0027C09**    **B0027C09**

**Explanation:** Communications program error

**Failing Item:**

- FI00730

---

**B002FFFF**    **B002FFFF**

**Explanation:** User suspected communications  
problem.

**Failing Item:**

- USER





---

## (B003) Reference codes

---

**B0032321**    **B0032321**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- UJE34

---

**B0032322**    **B0032322**

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

**Failing Item:**

- UJE34

---

**B0032340**    **B0032340**

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

**Response:**

**Failing Item:**

- FI00704
- UJC35
- FI00701
- FI00719

---

**B0033200**    **B0033200**

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

**Response:**

**Failing Item:**

- FI00704
- UJC35
- FI00701
- FI00719

---

**B0033201**    **B0033201**

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

**Response:**

**Failing Item:**

- FI00704
- UJC35
- FI00701
- FI00719

---

**B0033202**    **B0033202**

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

**Response:**

**Failing Item:**

- FI00704
- UJC35
- FI00701
- FI00719

---

**B0033203**    **B0033203**

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

**Response:**

**Failing Item:**

- FI00704
- UJC35
- FI00701
- FI00719

---

**B0033204**    **B0033204**

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

**Failing Item:**

- UJC36
- UJ0E3
- FI00705
- FI00703

---

**B0033205**    **B0033205**

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

**Failing Item:**

- UJC35

---

**B0033206**    **B0033206**

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

**Failing Item:**

- FI00703
- UJC35
- UJ0E3
- FI00702

## B0033207 • B0034206

---

### B0033207 B0033207

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

**Failing Item:**

- FI00703
- UJC35
- UJ0E3
- FI00702
- UJC36

---

### B0033208 B0033208

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

**Response:**

**Failing Item:**

- FI00703
- UJC35
- FI00702
- FI00719

---

### B0033209 B0033209

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

**Failing Item:**

- FI00703
- UJC35
- UJ0E3
- FI00702
- UJC36

---

### B003320B B003320B

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

**Response:**

**Failing Item:**

- FI00704
- UJC35
- FI00701
- FI00719

---

### B003320C B003320C

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

**Failing Item:**

- UJC36
- UJC35

---

### B0034200 B0034200

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

**Failing Item:**

- UJ0E3
- UJC35

---

### B0034202 B0034202

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

**Failing Item:**

- FI00730
- UJC35

---

### B0034203 B0034203

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

**Failing Item:**

- UJ0E3
- UJC35

---

### B0034204 B0034204

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

**Failing Item:**

- UJC35
- UJ0E3

---

### B0034205 B0034205

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

**Failing Item:**

- UJ0E3
- UJC35
- UJB37

---

### B0034206 B0034206

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- FI00730
- AJDG301

---

**B0034209**    **B0034209**

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

**Failing Item:**

- UJ0E3
  - UJC35
- 

**B0034220**    **B0034220**

**Explanation:** Port already in use

**Response:**

**Failing Item:**

- AJDG301
  - FI00719
  - UJC35
- 

**B0034240**    **B0034240**

**Explanation:** Port not installed

**Response:**

**Failing Item:**

- AJDG301
  - FI00719
  - UJC35
- 

**B0034340**    **B0034340**

**Explanation:** Automatic call unit port is not installed

**Response:**

**Failing Item:**

- AJDG301
  - UJC35
  - FI00719
  - FI00702
- 

**B0034376**    **B0034376**

**Explanation:** Automatic call unit already in use

**Failing Item:**

- AJDG301
  - UJC38
  - UJC35
- 

**B0034502**    **B0034502**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
  - FI00730
- 

---

**B0034503**    **B0034503**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
  - FI00730
  - UJC35
- 

**B0034504**    **B0034504**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
  - UJC35
- 

**B0034505**    **B0034505**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
  - UJC35
  - FI00730
- 

**B0034506**    **B0034506**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
  - UJC35
  - FI00730
- 

**B0034507**    **B0034507**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
  - FI00730
  - UJC35
- 

**B0034508**    **B0034508**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
  - FI00730
-

## B0034509 • B0035410

---

**B0034509**    **B0034509**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
- UJC35
- FI00730

---

**B003450A**    **B003450A**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
- FI00730
- UJC35

---

**B003450B**    **B003450B**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
- FI00730

---

**B003450C**    **B003450C**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
- FI00730

---

**B003450D**    **B003450D**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- UJC35
- FI00730
- AJDG301

---

**B003450E**    **B003450E**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
- FI00730
- UJC35

---

**B0034549**    **B0034549**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
- FI00730

---

**B0034590**    **B0034590**

**Explanation:** Wrong number specified in controller description

**Response:**

**Failing Item:**

- UJC36
- FI00703
- FI00701
- UJC35
- FI00719

---

**B0034592**    **B0034592**

**Explanation:** No number specified in controller description

**Failing Item:**

- AJDG301
- UJC36

---

**B0034594**    **B0034594**

**Explanation:** Wrong number specified in controller description

**Failing Item:**

- UJC36
- FI00730
- AJDG301
- UJC35

---

**B0035410**    **B0035410**

**Explanation:** Switched line already in use

**Response:**

**Failing Item:**

- FI00704
  - UJC35
  - FI00701
  - FI00719
-

---

**B0035472**    **B0035472**

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

**Response:**

**Failing Item:**

- FI00703
  - UJC38
  - FI00719
  - FI00702
- 

**B0035474**    **B0035474**

**Explanation:** Automatic call unit line connection error

**Response:**

**Failing Item:**

- FI00702
  - FI00703
  - FI00719
  - UJ0E3
- 

**B0035476**    **B0035476**

**Explanation:** Present-next-digit error

**Response:**

**Failing Item:**

- FI00702
  - FI00703
  - FI00719
- 

**B0035501**    **B0035501**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
  - FI00730
- 

**B0035502**    **B0035502**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
  - UJC35
  - FI00730
- 

---

**B0035503**    **B0035503**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
  - UJC35
  - FI00730
- 

**B0035510**    **B0035510**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
  - UJC35
  - FI00730
- 

**B0035511**    **B0035511**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
  - FI00730
- 

**B0035512**    **B0035512**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
  - FI00730
- 

**B0035513**    **B0035513**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
  - UJC35
  - FI00730
- 

**B0035514**    **B0035514**

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
  - FI00730
-

## B0035515 • B0035A20

---

### B0035515 B0035515

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
- UJC35
- FI00730

---

### B0035549 B0035549

**Explanation:** Wrong configuration value sent by vertical LIC

**Failing Item:**

- AJDG301
- FI00730

---

### B0035590 B0035590

**Explanation:** Wrong length for number dialed

**Failing Item:**

- AJDG301

---

### B0035630 B0035630

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

**Failing Item:**

- FI00700
- UJ0E3
- UJC35
- FI00701
- FI00719

---

### B0035632 B0035632

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

**Response:**

**Failing Item:**

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

---

### B0035684 B0035684

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

**Response:**

**Failing Item:**

- FI00704
- FI00701
- AJDG301
- FI00719

---

### B0035886 B0035886

**Explanation:** Automatic call unit line connection error

**Failing Item:**

- FI00704
- FI00719
- FI00701

---

### B0035A18 B0035A18

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

**Response:**

**Failing Item:**

- FI00704
- FI00701
- FI00719

---

### B0035A1C B0035A1C

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

**Response:**

**Failing Item:**

- UJ0E3
- UJC35
- FI00704
- FI00701
- FI00719

---

### B0035A20 B0035A20

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

**Response:**

**Failing Item:**

- UJ0E3
- UJC35
- FI00704
- FI00701

- FI00719

---

**B0035A24    B0035A24**

**Explanation:** Carrier-detect dropped on modem interface

**Response:**

**Failing Item:**

- FI00701
- FI00704
- UJ0E3
- FI00719

---

**B0035A54    B0035A54**

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

**Response:**

**Failing Item:**

- FI00704
- UJC35
- FI00701
- FI00719

---

**B0035A58    B0035A58**

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

**Response:**

**Failing Item:**

- FI00701
- FI00704
- FI00719
- AJDG301

---

**B0035C68    B0035C68**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- FI00730

---

**B0035E00    B0035E00**

**Explanation:** Wrong or no external communications cable installed

**Response:**

**Failing Item:**

- FI00701
- UJC35
- FI00719

---

**B0035E01    B0035E01**

**Explanation:** Call received during dialing procedure

**Response:**

**Failing Item:**

- UJC38
- FI00704
- FI00701
- FI00719

---

**B0036210    B0036210**

**Explanation:** Resource or storage not available

**Failing Item:**

- UJC35
- FI00730

---

**B0036212    B0036212**

**Explanation:** Communications controller error

**Response:**

**Failing Item:**

- FI00730
- FI00718

---

**B0036214    B0036214**

**Explanation:** Communications controller error

**Response:**

**Failing Item:**

- FI00730
- FI00718

---

**B0036288    B0036288**

**Explanation:** Port not operational

**Response:**

**Failing Item:**

- FI00719
- AJDG301
- UJC35

---

**B0036320    B0036320**

**Explanation:** Abandon-call-retry

**Response:**

**Failing Item:**

- FI00700
- UJC36
- FI00703

## B0036322 • B0037C04

- FI00719
- FI00702

---

### B0036322 B0036322

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

**Response:**

**Failing Item:**

- UJC36
- FI00703
- FI00702
- FI00719
- FI00730

---

### B0036870 B0036870

**Explanation:** Automatic call unit power turned off

**Response:**

**Failing Item:**

- FI00703
- FI00702
- FI00719

---

### B0036890 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 B0036C05

**Explanation:** I/O card Licensed Internal Code error

**Failing Item:**

- FI00730
- AJDG301

---

### B0036C0A B0036C0A

**Explanation:** Hardware detected failure

**Response:**

**Failing Item:**

- FI00719
- FI00718

---

### B0037200 B0037200

**Explanation:** Communications Configuration

**Failing Item:**

- UJC35

---

### B0037210 B0037210

**Explanation:** Resource or storage not available

**Failing Item:**

- UJC35
- FI00730

---

### B0037212 B0037212

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- FI00730

---

### B0037C00 B0037C00

**Explanation:** Asynchronous server program ended abnormally

**Failing Item:**

- FI00730

---

### B0037C02 B0037C02

**Explanation:** Wrong command sent by vertical Licensed Internal Code

**Failing Item:**

- FI00730

---

### B0037C03 B0037C03

**Explanation:** Resource or storage not available

**Failing Item:**

- UJB37
- UJC35
- FI00730

---

### B0037C04 B0037C04

**Explanation:** Wrong internal routing information

**Failing Item:**

- FI00730



---

**B0037C05**    **B0037C05**

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

**Failing Item:**

- FI00730
- 

**B0037C09**    **B0037C09**

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

**Failing Item:**

- FI00730
- 

**B0038011**    **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**    **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**    **B0038020**

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

---

**B003FFFF**    **B003FFFF**

**Explanation:** User suspected communications problem.

**Failing Item:**

- USER



---

## (B004) Reference codes

---

**B0047000**    **B0047000**

**Explanation:** Vertical Licensed Internal Code sent an incorrect command

**Failing Item:**

- FI00751
- FI00730

---

**B0047002**    **B0047002**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0047004**    **B0047004**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
- FI00730

---

**B0047006**    **B0047006**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0047008**    **B0047008**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B004700C**    **B004700C**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
- FI00730

---

**B004700F**    **B004700F**

**Explanation:** Communications controller storage not available

**Failing Item:**

- FI00751
- FI00730

---

**B0047010**    **B0047010**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
- FI00730

---

**B0047012**    **B0047012**

**Explanation:** I/O card LIC followed incorrect procedure

**Failing Item:**

- FI00730

---

**B0047014**    **B0047014**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
- FI00730

---

**B0047018**    **B0047018**

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

**Failing Item:**

- UJJ39

---

**B004701A**    **B004701A**

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

**Failing Item:**

- AJDG301
- FI00730

---

**B004701C**    **B004701C**

**Explanation:** Wrong command value sent by IBM i

## B004701E • B0047054

Operating System licensed program

**Failing Item:**

- AJDG301
- FI00730

---

**B004701E    B004701E**

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

**Failing Item:**

- UJJ36
- FI00730

---

**B0047020    B0047020**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0047024    B0047024**

**Explanation:** No logical link available for packet network

**Failing Item:**

- UJE38
- FI00751

---

**B0047028    B0047028**

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

**Failing Item:**

- UJE38
- FI00751

---

**B004702C    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    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    B0047048**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0047049    B0047049**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B004704A    B004704A**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B004704C    B004704C**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0047050    B0047050**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
- FI00730

---

**B0047054    B0047054**

**Explanation:** Vertical Licensed Internal Code sent wrong password length

**Failing Item:**

- FI00751
- FI00730

---

**B0047056**    **B0047056**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B0047058**    **B0047058**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B004705C**    **B004705C**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B0047064**    **B0047064**

**Explanation:** Vertical Licensed Internal Code sent wrong data length

**Failing Item:**

- FI00751
  - FI00730
- 

**B004707C**    **B004707C**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- 

**B0047080**    **B0047080**

**Explanation:** Vertical Licensed Internal Code sent an incorrect command

**Failing Item:**

- FI00751
  - FI00730
- 

**B0047084**    **B0047084**

**Explanation:** Number of user requests more than maximum allowed

**Failing Item:**

- FI00751

- FI00730
- 

**B0047090**    **B0047090**

**Explanation:** I/O card LIC followed incorrect procedure

**Failing Item:**

- FI00751
  - FI00730
- 

**B0047092**    **B0047092**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- UJJ38
  - FI00751
  - FI00730
- 

**B0047094**    **B0047094**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B004728C**    **B004728C**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00730
- 

**B00472F0**    **B00472F0**

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

**Failing Item:**

- FI00730
- 

**B00472F2**    **B00472F2**

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

**Failing Item:**

- FI00730
- 

**B0047718**    **B0047718**

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

**Failing Item:**

- UJJ36

## B0047740 • B00477A6

- UJ0E2

---

### B0047740 B0047740

**Explanation:** Remote system sent disconnect command

**Failing Item:**

- UJ0E2

---

### B0047744 B0047744

**Explanation:** Remote system sent disconnect mode frame

**Failing Item:**

- UJ0E2

---

### B0047768 B0047768

**Explanation:** Remote system did not respond to command sent

**Failing Item:**

- UJJ36
- UJ0E2

---

### B004776C B004776C

**Explanation:** Remote system did not respond to command sent

**Failing Item:**

- UJ0E2
- UJJ36

---

### B0047770 B0047770

**Explanation:** Remote system did not respond to disconnect command

**Failing Item:**

- UJJ36
- UJ0E2

---

### B0047774 B0047774

**Explanation:** Remote system did not verify receiving data

**Failing Item:**

- UJJ36
- UJ0E2

---

### B0047788 B0047788

**Explanation:** Call rejected; wrong value from remote system

**Failing Item:**

- UJ0E6

- UJJ37

---

### B0047794 B0047794

**Explanation:** Expected password not provided by remote system

**Failing Item:**

- UJ0E2

---

### B0047798 B0047798

**Explanation:** Remote system did not respond to test command

**Failing Item:**

- UJ0E2
- UJJ36

---

### B00477A0 B00477A0

**Explanation:** Checksum error; error limit per 256 reached

**Failing Item:**

- UJ0E2
- UJ0E9
- FI00730

---

### B00477A2 B00477A2

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

**Failing Item:**

- UJ0E9

---

### B00477A4 B00477A4

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

**Failing Item:**

- UJ0E9
- UJJ35

---

### B00477A6 B00477A6

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

**Failing Item:**

- UJ0E2
- UJ0E9
- UJJ35

---

**B0047800**    **B0047800**

**Explanation:** Vertical Licensed Internal Code sent an incorrect command

**Failing Item:**

- FI00751
  - FI00730
- 

**B0047802**    **B0047802**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B0047804**    **B0047804**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
  - FI00730
- 

**B0047806**    **B0047806**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B0047808**    **B0047808**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B004780C**    **B004780C**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
- 

**B0047810**    **B0047810**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
- 

- FI00730
- 

**B0047812**    **B0047812**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- FI00751
- 

**B0047820**    **B0047820**

**Explanation:** Too many logical channels defined

**Failing Item:**

- UJJ36
  - FI00730
- 

**B0047824**    **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**    **B0047828**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B004782C**    **B004782C**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
  - FI00730
- 

**B0047840**    **B0047840**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- AJDG301
  - FI00730
-

## B0047842 • B0047860

---

**B0047842**    **B0047842**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- AJDG301
- FI00730

---

**B0047844**    **B0047844**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- AJDG301
- FI00730

---

**B0047846**    **B0047846**

**Explanation:** Communications controller storage not available

**Failing Item:**

- FI00751
- FI00730

---

**B004784C**    **B004784C**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B004784D**    **B004784D**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B004784E**    **B004784E**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0047850**    **B0047850**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0047854**    **B0047854**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0047857**    **B0047857**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- AJDG301
- FI00730

---

**B0047858**    **B0047858**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B004785A**    **B004785A**

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

**Failing Item:**

- UJ0E6
- AJDG301
- FI00730

---

**B004785C**    **B004785C**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0047860**    **B0047860**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- UJJ38



---

**B0047864**    **B0047864**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- UJJ38
  - FI00751
  - FI00730
- 

**B0047868**    **B0047868**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B004786C**    **B004786C**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B0047870**    **B0047870**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B0047872**    **B0047872**

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

**Failing Item:**

- AJDG301
  - FI00730
- 

**B0047874**    **B0047874**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

---

**B0047876**    **B0047876**

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

**Failing Item:**

- AJDG301
  - FI00730
- 

**B0047878**    **B0047878**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B004787A**    **B004787A**

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

**Failing Item:**

- FI00751
  - FI00730
- 

**B004787C**    **B004787C**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B0047884**    **B0047884**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- FI00751
  - FI00730
- 

**B0047888**    **B0047888**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- FI00751
  - FI00730
- 

**B004788C**    **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    B0047894**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- FI00751
- FI00730

---

**B0047898    B0047898**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
- FI00730

---

**B00478A0    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    B00478A4**

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

**Failing Item:**

- FI00751
- FI00730

---

**B00478A6    B00478A6**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0047A90    B0047A90**

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

**Failing Item:**

- FI00730

---

**B0047AF0    B0047AF0**

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

**Failing Item:**

- FI00730

---

**B0047AF4    B0047AF4**

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

**Failing Item:**

- FI00751
- FI00730

---

**B0047F14    B0047F14**

**Explanation:** Reset packet received

**Failing Item:**

- UJ0E9
- UJ0E2
- UJJ36
- UJJ35

---

**B0047F18    B0047F18**

**Explanation:** Clear packet received

**Failing Item:**

- UJ0E9
- UJJ39
- UJ0E2
- UJJ36
- FI00751

---

**B0047F1C    B0047F1C**

**Explanation:** X.25 restart packet received

**Failing Item:**

- UJ0E9
- UJJ36

---

**B0047F30**    **B0047F30****Explanation:** X.25 reset request packet sent**Failing Item:**

- UJJ36
  - UJ0E9
- 

**B0047F34**    **B0047F34****Explanation:** X.25 clear request packet sent**Failing Item:**

- UJJ36
  - UJ0E9
- 

**B0047F35**    **B0047F35****Explanation:** X.25 clear packet sent, packet size negotiation failed**Failing Item:**

- UJ0E9
  - UJJ35
- 

**B0047F36**    **B0047F36****Explanation:** X.25 clear packet sent, window size negotiation failed**Failing Item:**

- UJ0E9
  - UJJ35
- 

**B0047F38**    **B0047F38****Explanation:** X.25 restart request packet sent**Failing Item:**

- UJ0E9
  - UJJ36
- 

**B0047F3A**    **B0047F3A****Explanation:** X.32 restart negotiation failed**Failing Item:**

- UJ0E9
  - UJJ39
- 

**B0047F3C**    **B0047F3C****Explanation:** Time-out on restart packet**Failing Item:**

- UJ0E9
- 

---

**B0047F40**    **B0047F40****Explanation:** Time-out on reset packet**Failing Item:**

- UJ0E9
  - UJJ36
- 

**B0047F44**    **B0047F44****Explanation:** Time-out on call packet**Failing Item:**

- UJ0E9
  - UJJ36
- 

**B0047F48**    **B0047F48****Explanation:** Time-out on clear packet**Failing Item:**

- UJ0E9
  - UJJ36
- 

**B0047F80**    **B0047F80****Explanation:** Packet network used wrong procedures**Failing Item:**

- UJ0E9
  - UJA36
- 

**B0047FA8**    **B0047FA8****Explanation:** Received packet to help diagnosis**Failing Item:**

- UJ0E9
  - FI00730
- 

**B0047FB0**    **B0047FB0****Explanation:** Restart packet sent; error limit per 256 reached**Failing Item:**

- UJ0E9
- 

**B0047FB1**    **B0047FB1****Explanation:** Reset packet received; error limit per 256 reached**Failing Item:**

- UJ0E9
  - UJ0E2
  - UJJ36
  - UJJ35
-



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## (B005) Reference codes

---

**B005A000**    **B005A000**

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

**Failing Item:**

- PTFSRCH

---

**B005A001**    **B005A001**

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

**Failing Item:**

- PTFSRCH

---

**B005A002**    **B005A002**

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

**Failing Item:**

- PTFSRCH

---

**B005A003**    **B005A003**

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

**Failing Item:**

- PTFSRCH

---

**B005A004**    **B005A004**

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

**Failing Item:**

- PTFSRCH

---

**B005A005**    **B005A005**

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

**Failing Item:**

- PTFSRCH

---

**B005A006**    **B005A006**

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

**Failing Item:**

- PTFSRCH

---

**B005A007**    **B005A007**

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

**Failing Item:**

- PTFSRCH

---

**B005A008**    **B005A008**

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

**Failing Item:**

- PTFSRCH

---

**B005A009**    **B005A009**

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

**Failing Item:**

- PTFSRCH

---

**B005A00A**    **B005A00A**

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

**Failing Item:**

- PTFSRCH

---

**B005A00B**    **B005A00B**

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

**Failing Item:**

- PTFSRCH

---

**B005A00C**    **B005A00C**

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

**Failing Item:**

- PTFSRCH

---

**B005A00E**    **B005A00E**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- PTFSRCH

## B005A010 • B005A01E

---

### B005A010 B005A010

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

**Failing Item:**

- PTFSRCH

---

### B005A011 B005A011

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

**Failing Item:**

- PTFSRCH

---

### B005A012 B005A012

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

**Failing Item:**

- PTFSRCH

---

### B005A013 B005A013

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

**Failing Item:**

- PTFSRCH

---

### B005A014 B005A014

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

**Failing Item:**

- PTFSRCH

---

### B005A015 B005A015

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

**Failing Item:**

- PTFSRCH

---

### B005A016 B005A016

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

**Failing Item:**

- PTFSRCH

---

### B005A017 B005A017

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

**Failing Item:**

- PTFSRCH

---

### B005A018 B005A018

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

**Failing Item:**

- PTFSRCH

---

### B005A019 B005A019

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

**Failing Item:**

- PTFSRCH

---

### B005A01A B005A01A

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

**Failing Item:**

- PTFSRCH

---

### B005A01B B005A01B

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

**Failing Item:**

- PTFSRCH

---

### B005A01C B005A01C

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

**Failing Item:**

- PTFSRCH

---

### B005A01D B005A01D

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

**Failing Item:**

- PTFSRCH

---

### B005A01E B005A01E

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

**Failing Item:**

- PTFSRCH

---

**B005A01F    B005A01F**

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

**Failing Item:**

- PTFSRCH
- 

**B005A020    B005A020**

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

**Failing Item:**

- PTFSRCH
- 

**B005A021    B005A021**

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

**Failing Item:**

- PTFSRCH
- 

**B005A022    B005A022**

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

**Failing Item:**

- PTFSRCH
- 

**B005A023    B005A023**

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

**Failing Item:**

- PTFSRCH
- 

**B005A024    B005A024**

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

**Failing Item:**

- PTFSRCH
- 

**B005A025    B005A025**

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

**Failing Item:**

- PTFSRCH
- 

**B005A027    B005A027**

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

**Failing Item:**

- PTFSRCH
- 

**B005A028    B005A028**

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

---

**B005A029    B005A029**

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

**Failing Item:**

- PTFSRCH
- 

**B005A02A    B005A02A**

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

**Failing Item:**

- PTFSRCH
- 

**B005A02B    B005A02B**

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

**Failing Item:**

- PTFSRCH
- 

**B005A02C    B005A02C**

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

**Failing Item:**

- PTFSRCH
- 

**B005A02D    B005A02D**

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

**Failing Item:**

- PTFSRCH
- 

**B005A02E    B005A02E**

**Explanation:** Wrong frame received from remote equipment

**Failing Item:**

- UJE39
- 

**B005A02F    B005A02F**

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

**Failing Item:**

- PTFSRCH

## B005A201 • B005A402

---

**B005A201**    **B005A201**

**Explanation:** Token-Ring controller storage not available

**Failing Item:**

- PTFSRCH

---

**B005A202**    **B005A202**

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

**Failing Item:**

- PTFSRCH

---

**B005A203**    **B005A203**

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

**Failing Item:**

- PTFSRCH

---

**B005A204**    **B005A204**

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

**Failing Item:**

- PTFSRCH

---

**B005A205**    **B005A205**

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

**Failing Item:**

- AJGJQ01

---

**B005A206**    **B005A206**

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

**Failing Item:**

- PTFSRCH

---

**B005A207**    **B005A207**

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

**Failing Item:**

- PTFSRCH

---

**B005A208**    **B005A208**

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

**Failing Item:**

- PTFSRCH

---

**B005A209**    **B005A209**

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

**Failing Item:**

- PTFSRCH

---

**B005A20A**    **B005A20A**

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

**Failing Item:**

- PTFSRCH

---

**B005A20B**    **B005A20B**

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

**Failing Item:**

- PTFSRCH

---

**B005A20C**    **B005A20C**

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

**Failing Item:**

- PTFSRCH

---

**B005A213**    **B005A213**

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

**Failing Item:**

- PTFSRCH

---

**B005A214**    **B005A214**

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

**Failing Item:**

- PTFSRCH

---

**B005A402**    **B005A402**

**Explanation:** Token-ring adapter card error

**Failing Item:**

- IOA
- PTFSRCH



---

**B005A403**    **B005A403****Explanation:** Token-ring adapter card error**Failing Item:**

- IOA
- 

**B005A404**    **B005A404****Explanation:** Token-ring adapter card error**Failing Item:**

- IOA
  - UJE37
- 

**B005A405**    **B005A405****Explanation:** Token-ring adapter card error**Failing Item:**

- IOA
- 

**B005A406**    **B005A406****Explanation:** Token-ring adapter card error**Failing Item:**

- IOA
- 

**B005A408**    **B005A408****Explanation:** Ring status information logged; not serious**Failing Item:**

- UJE37
- 

**B005A409**    **B005A409****Explanation:** Severe error detected by I/O card Licensed Internal Code**Failing Item:**

- IOA
- 

**B005A40A**    **B005A40A****Explanation:** Token-ring adapter card error**Failing Item:**

- IOA
- 

**B005A40B**    **B005A40B****Explanation:** Token-ring adapter card error**Failing Item:**

- IOA
- 

---

**B005A40C**    **B005A40C****Explanation:** Token-ring adapter card error**Failing Item:**

- IOA
- 

**B005A410**    **B005A410****Explanation:** Ring status information logged; not serious**Failing Item:**

- UJE37
  - FI00712
  - FI00701
- 

**B005A411**    **B005A411****Explanation:** Ring status information logged; not serious**Failing Item:**

- IOA
  - UJE33
- 

**B005A412**    **B005A412****Explanation:** Ring status information logged; not serious**Failing Item:**

- UJE33
  - IOA
- 

**B005A413**    **B005A413****Explanation:** Ring status information logged; serious**Failing Item:**

- FI00701
  - FI00712
  - IOA
- 

**B005A414**    **B005A414****Explanation:** Ring status information logged; serious**Failing Item:**

- IOA
  - FI00701
  - FI00712
- 

**B005A415**    **B005A415****Explanation:** Ring status information logged; serious**Failing Item:**

- UJE31
-

## B005A416 • B005A42A

- UJE37

---

### B005A416 B005A416

**Explanation:** Ring status information logged; not serious

**Failing Item:**

- UJE37

---

### B005A417 B005A417

**Explanation:** Wrong frame received from remote equipment

**Failing Item:**

- UJE37

---

### B005A420 B005A420

**Explanation:** Token-ring adapter card error

**Failing Item:**

- IOA
- FI00712
- FI00701

---

### B005A421 B005A421

**Explanation:** Token-ring adapter card error

**Failing Item:**

- UJE37
- FI00712
- FI00701

---

### B005A422 B005A422

**Explanation:** Token-ring adapter card error

**Failing Item:**

- FI00701
- FI00712
- IOA

---

### B005A423 B005A423

**Explanation:** Token-ring adapter card error

**Failing Item:**

- UJE37
- IOA

---

### B005A424 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 B005A425

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

**Failing Item:**

- UJE35

---

### B005A426 B005A426

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

**Failing Item:**

- UJE32
- UJE37

---

### B005A427 B005A427

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

**Failing Item:**

- UJE31
- UJE37

---

### B005A428 B005A428

**Explanation:** Token-ring adapter card error

**Failing Item:**

- PTFSRCH

---

### B005A429 B005A429

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

**Failing Item:**

- UJE37
- FI00712
- FI00701

---

### B005A42A B005A42A

**Explanation:** User suspected communications problem.

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

**Failing Item:**

- USER

---

**B005A703    B005A703**

**Explanation:** Ring status information logged; serious

**Failing Item:**

- IOA
- FI00701
- UJE37

---

**B005A710    B005A710**

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

**Failing Item:**

- UJE37
- IOA
- PTFSRCH

---

**B005A711    B005A711**

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

**Failing Item:**

- UJE39
- IOA
- PTFSRCH

---

**B005A712    B005A712**

**Explanation:** Transmit strip; error limit per 256 reached

**Failing Item:**

- IOA
- UJE37

---

**B005A713    B005A713**

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

**Failing Item:**

- PTFSRCH

---

**B005A714    B005A714**

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

**Failing Item:**

- PTFSRCH

---

**B005A715    B005A715**

**Explanation:** Temporary errors; error limit per 256 reached

**Failing Item:**

- IOA
- UJE37

---

**B005A716    B005A716**

**Explanation:** Transmit beacon; error limit per 256 reached

**Failing Item:**

- IOA
- UJE37

---

**B005A718    B005A718**

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

**Failing Item:**

- UJE38

---

**B005A719    B005A719**

**Explanation:** Frames discarded; error limit per 256 reached

**Failing Item:**

- PTFSRCH
- UJE38

---

**B005A721    B005A721**

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

**Failing Item:**

- IOA

---

**B005B000    B005B000**

**Explanation:** I/O card Licensed Internal Code error

**Failing Item:**

- PTFSRCH

---

**B005B003    B005B003**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- PTFSRCH

## B005B006 • B005C0E9

---

**B005B006**    **B005B006**

**Explanation:** Token-ring error monitor has stopped

**Failing Item:**

- PTFSRCH

---

**B005B009**    **B005B009**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- PTFSRCH

---

**B005B00A**    **B005B00A**

**Explanation:** Output value error in vertical Licensed Internal Code

**Failing Item:**

- PTFSRCH

---

**B005B00B**    **B005B00B**

**Explanation:** Output value error in vertical Licensed Internal Code

**Failing Item:**

- PTFSRCH

---

**B005B0C0**    **B005B0C0**

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

**Failing Item:**

- FI00701
- UJE35
- UJE37
- FI00712
- IOA

---

**B005B300**    **B005B300**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- PTFSRCH

---

**B005B700**    **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**    **B005C000**

**Explanation:** I/O card Licensed Internal Code error

**Failing Item:**

- PTFSRCH

---

**B005C003**    **B005C003**

**Explanation:** Configuration report server is deactivating

**Failing Item:**

- PTFSRCH

---

**B005C005**    **B005C005**

**Explanation:** Configuration report server is activating

**Failing Item:**

- PTFSRCH

---

**B005C010**    **B005C010**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- PTFSRCH

---

**B005C0E6**    **B005C0E6**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- PTFSRCH

---

**B005C0E7**    **B005C0E7**

**Explanation:** Output value error in vertical Licensed Internal Code

**Failing Item:**

- PTFSRCH

---

**B005C0E8**    **B005C0E8**

**Explanation:** Output value error in vertical Licensed Internal Code

**Failing Item:**

- PTFSRCH

---

**B005C0E9**    **B005C0E9**

**Explanation:** Configuration report server activation failed

**Failing Item:**

- PTFSRCH

---

**B005C0EA**   **B005C0EA**

**Explanation:** Configuration report server activation failed

**Failing Item:**

- PTFSRCH
- 

**B005C0EB**   **B005C0EB**

**Explanation:** Configuration report server activation failed

**Failing Item:**

- PTFSRCH
- 

**B005C0EE**   **B005C0EE**

**Explanation:** I/O card Licensed Internal Code error

**Failing Item:**

- PTFSRCH
- 

**B005C0EF**   **B005C0EF**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- UJE34
- 

**B005C0F4**   **B005C0F4**

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

**Failing Item:**

- FI00701
  - UJE35
  - UJE37
  - FI00712
  - IOA
- 

**B005C300**   **B005C300**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- PTFSRCH
- 

**B005C700**   **B005C700**

**Explanation:** Procedure error in vertical Licensed Internal Code

---

**B005C701**   **B005C701**

**Explanation:** Procedure error in vertical Licensed Internal Code

---

**B005C702**   **B005C702**

**Explanation:** Wrong frame received from remote equipment

---

**B005C703**   **B005C703**

**Explanation:** Wrong frame received from remote equipment

---

**B005FFFF**   **B005FFFF**

**Explanation:** User suspected communications problem.

**Failing Item:**

- USER



---

## (B006) Reference codes

---

**B0061201**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **B0061209**

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

**Failing Item:**

- AJEQU00
  - FI00131
- 

**B0061210**    **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 B0061211

**Explanation:** System bus error

**Failing Item:**

- FI00131
- ANYBUS
- AJEQU00
- AJDG301

---

### B0061212 B0061212

**Explanation:** A permanent I/O processor failure occurred

**Failing Item:**

- FI00131
- AJEQU00

---

### B0061213 B0061213

**Explanation:** System bus error

**Failing Item:**

- AJDG301
- AJEQU00
- FI00131

---

### B0061214 B0061214

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

**Failing Item:**

- FI00131
- AJEQU00

---

### B0061215 B0061215

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

**Failing Item:**

- FI00131
- AJEQU00

---

### B0061301 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 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 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 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 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**    **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**    **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**    **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**    **B0061309**

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

**Failing Item:**

- AJDGP01
  - FI00131
  - FI00132
  - FI01117
- 

**B0061310**    **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**    **B0061311**

**Explanation:** System bus error

**Failing Item:**

- FI00131
  - ANYBUS
  - AJDGP01
  - AJDG301
- 

**B0061312**    **B0061312**

**Explanation:** A permanent I/O processor failure occurred

**Failing Item:**

- FI00131
  - AJDGP01
- 

**B0061313**    **B0061313**

**Explanation:** System bus error

**Failing Item:**

- AJDG301
  - AJDGP01
  - FI00131
- 

**B0061316**    **B0061316**

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

**Failing Item:**

- AJDGP01
  - FI00132
  - FI00131
- 

**B0061317**    **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 B0061318**

**Explanation:** I/O processor card error

**Failing Item:**

- FI00131

---

**B0061403 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 B0061404**

**Explanation:** Service processor Licensed Internal Code error

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

**Failing Item:**

- AJDGP01
- SVCPROC

---

**B0061405 B0061405**

**Explanation:** Service processor Licensed Internal Code error

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

**Failing Item:**

- AJDGP01
- SVCPROC

---

**B0061406 B0061406**

**Explanation:** Service processor Licensed Internal Code failed

**Response:** A microprocessor exception occurred on the Service processor.

**Failing Item:**

- AJDGP01
- SVCPROC
- AJDG301

---

**B0061407 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 B0061408**

**Explanation:** Service processor Licensed Internal Code failed

**Failing Item:**

- AJDGP01
- AJDG301
- SVCPROC

---

**B0061409 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 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 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 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 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 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 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 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 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 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 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**    **B0081200**

**Explanation:** Communications controller task ended abnormally; type 1

**Failing Item:**

- FI00730

---

**B0081201**    **B0081201**

**Explanation:** Communications controller task ended abnormally; type 2

**Failing Item:**

- FI00730

---

**B0081202**    **B0081202**

**Explanation:** Communications controller task ended abnormally; type 3

**Failing Item:**

- FI00730

---

**B0081701**    **B0081701**

**Explanation:** Disconnect mode frame received

**Failing Item:**

- UJ0E9

---

**B0081702**    **B0081702**

**Explanation:** Disconnect mode frame received during link activation

**Failing Item:**

- UJ0E3

---

**B0081703**    **B0081703**

**Explanation:** Disconnect mode frame received when transmitting information

**Failing Item:**

- UJ0E3
- FI00730

---

**B0081704**    **B0081704**

**Explanation:** Frame reject type W received

**Failing Item:**

- FI00730
- UJ0E3

---

**B0081705**    **B0081705**

**Explanation:** Frame reject type X received

**Failing Item:**

- FI00730
- UJ0E3

---

**B0081706**    **B0081706**

**Explanation:** Frame reject type Y received

**Failing Item:**

- FI00730
- UJJ35

---

**B0081707**    **B0081707**

**Explanation:** Frame reject type Z received

**Failing Item:**

- FI00730
- UJ0E3

---

**B0081708**    **B0081708**

**Explanation:** Frame reject type W sent

**Failing Item:**

- UJ0E3
- FI00730

---

**B0081709**    **B0081709**

**Explanation:** Frame reject type X sent

**Failing Item:**

- UJ0E3
- FI00730

---

**B008170A**    **B008170A**

**Explanation:** Frame reject type Y sent

**Failing Item:**

- UJJ35
- UJ0E3

---

**B008170B**    **B008170B**

**Explanation:** Frame reject type Z sent

**Failing Item:**

- FI00730
- UJ0E3

## B008170C • B0084592

---

### B008170C B008170C

**Explanation:** Frame retry limit reached

**Failing Item:**

- UJ0E9
- FI00701
- FI00704
- UJJ35

---

### B008170D B008170D

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

**Failing Item:**

- FI00730
- UJ0E3

---

### B008170E B008170E

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- UJJ35
- UJ0E3
- FI00700

---

### B0082651 B0082651

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

**Failing Item:**

- UJE34
- UJJ35
- FI00704
- FI00701

---

### B0082652 B0082652

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

**Failing Item:**

- UJ0E3
- FI00704
- UJA35

---

### B0082653 B0082653

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

**Failing Item:**

- UJ0E3
- FI00704

---

### B0082654 B0082654

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

**Failing Item:**

- UJ0E3
- UJA35

---

### B0082656 B0082656

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

**Failing Item:**

- UJ0E3
- FI00705
- UJA35

---

### B0082657 B0082657

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

**Failing Item:**

- UJ0E3
- UJA35

---

### B0082660 B0082660

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

**Failing Item:**

- UJ0E3
- FI00704

---

### B008450A B008450A

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301

---

### B0084590 B0084590

**Explanation:** Wrong telephone number specified in system configuration

**Failing Item:**

- UJA35
- FI00751

---

### B0084592 B0084592

**Explanation:** No number specified in controller description

**Failing Item:**

- UJA35
- FI00751

---

**B0084594    B0084594**

**Explanation:** Wrong telephone number specified in system configuration

**Failing Item:**

- UJA35
- FI00751

---

**B0085000    B0085000**

**Explanation:** Wrong command received by communications controller

**Failing Item:**

- FI00751

---

**B0085002    B0085002**

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

**Failing Item:**

- FI00751

---

**B0085008    B0085008**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- UJE34

---

**B0085009    B0085009**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00751

---

**B008500B    B008500B**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00751

---

**B008500C    B008500C**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00751

---

**B008500D    B008500D**

**Explanation:** Wrong data length received by communications controller

**Failing Item:**

- FI00751
- UJJ35

---

**B008500E    B008500E**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00751

---

**B008500F    B008500F**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00751

---

**B0085010    B0085010**

**Explanation:** Wrong reset option received by communications controller

**Failing Item:**

- FI00751
- FI00730

---

**B0085011    B0085011**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00751
- FI00730

---

**B0085012    B0085012**

**Explanation:** Wrong session ID received by communications controller

**Failing Item:**

- FI00751
- FI00730

---

**B0085014    B0085014**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00751
- FI00730

## B0085015 • B00850E0

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**B0085015**    **B0085015**

**Explanation:** Communications line already in use

**Failing Item:**

- FI00751
- FI00730

---

**B0085016**    **B0085016**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00751
- FI00730

---

**B0085017**    **B0085017**

**Explanation:** Wrong storage value received; communications controller

**Failing Item:**

- FI00751
- FI00730

---

**B0085018**    **B0085018**

**Explanation:** Wrong trace type received by communications controller

**Failing Item:**

- FI00751
- FI00730

---

**B0085019**    **B0085019**

**Explanation:** Wrong trace length received by communications controller

**Failing Item:**

- FI00751
- FI00730

---

**B008501A**    **B008501A**

**Explanation:** Communications controller temporary storage area too small

**Failing Item:**

- FI00751

---

**B008501B**    **B008501B**

**Explanation:** Wrong ID length value sent by vertical LIC

**Failing Item:**

- FI00751

---

**B008501C**    **B008501C**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00730

---

**B008501E**    **B008501E**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00730

---

**B008501F**    **B008501F**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00730

---

**B0085022**    **B0085022**

**Explanation:** Port already in use

**Failing Item:**

- FI00751
- FI00730

---

**B0085023**    **B0085023**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- FI00751

---

**B0085024**    **B0085024**

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

**Failing Item:**

- FI00751

---

**B00850E0**    **B00850E0**

**Explanation:** Wrong or no external communications cable installed

**Failing Item:**

- UJJ35
- FI00701
- IOA



---

**B00850E1 B00850E1****Explanation:** Port already in use**Failing Item:**

- UJJ35
  - FI00730
- 

**B00850E3 B00850E3****Explanation:** Wrong command value sent by IBM i Operating System licensed program**Failing Item:**

- AJDG301
  - UJJ35
- 

**B00850E4 B00850E4****Explanation:** Wrong command value sent by IBM i Operating System licensed program**Failing Item:**

- AJDG301
- 

**B00850E5 B00850E5****Explanation:** Wrong adapter type value sent by Vertical LIC**Failing Item:**

- FI00751
  - UJJ35
- 

**B00850E6 B00850E6****Explanation:** Wrong slot number value sent by Vertical LIC**Failing Item:**

- FI00751
  - UJJ35
- 

**B00850E7 B00850E7****Explanation:** Incorrect command value sent by vertical LIC**Failing Item:**

- UJJ35
  - FI00751
- 

**B00850E8 B00850E8****Explanation:** Wrong command value sent by IBM i Operating System licensed program**Failing Item:**

- AJDG301
- 

---

**B00850E9 B00850E9****Explanation:** Wrong command value sent by IBM i Operating System licensed program**Failing Item:**

- AJDG301
- 

**B00850EC B00850EC****Explanation:** Wrong command value sent by IBM i Operating System licensed program**Failing Item:**

- AJDG301
- 

**B00850ED B00850ED****Explanation:** Wrong command value sent by IBM i Operating System licensed program**Failing Item:**

- AJDG301
- 

**B00850EE B00850EE****Explanation:** Wrong command value sent by IBM i Operating System licensed program**Failing Item:**

- AJDG301
- 

**B00850F1 B00850F1****Explanation:** Communications adapter card not installed**Failing Item:**

- AJDG301
  - UJJ35
  - IOA
- 

**B00850F2 B00850F2****Explanation:** V.25 adapter not installed**Failing Item:**

- UJJ35
  - FI00702
  - IOA
- 

**B00850F5 B00850F5****Explanation:** Network uncontrolled-not-ready warning; information only**Failing Item:**

- UJE34
-

## B00850F6 • B00852EA

---

**B00850F6**    **B00850F6**

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

**Failing Item:**

- UJE34

---

**B00850F7**    **B00850F7**

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

**Failing Item:**

- UJE34

---

**B0085203**    **B0085203**

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

**Failing Item:**

- FI00730

---

**B0085206**    **B0085206**

**Explanation:** Communications controller storage not available

**Failing Item:**

- FI00730

---

**B00852E0**    **B00852E0**

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

**Failing Item:**

- FI00730

---

**B00852E1**    **B00852E1**

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

**Failing Item:**

- FI00730

---

**B00852E2**    **B00852E2**

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

**Failing Item:**

- FI00730
- UJJ35

---

**B00852E3**    **B00852E3**

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

**Failing Item:**

- FI00730

---

**B00852E4**    **B00852E4**

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

**Failing Item:**

- AJDG301

---

**B00852E5**    **B00852E5**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00730

---

**B00852E7**    **B00852E7**

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

**Failing Item:**

- FI00704
- IOA
- FI00701

---

**B00852E8**    **B00852E8**

**Explanation:** Error when releasing communications controller storage

**Failing Item:**

- FI00730

---

**B00852E9**    **B00852E9**

**Explanation:** Error when assigning communications controller storage

**Failing Item:**

- FI00730

---

**B00852EA**    **B00852EA**

**Explanation:** I/O card Licensed Internal Code error

**Failing Item:**

- FI00730
-

---

**B0085301**    **B0085301**
**Explanation:** Adapter card receive error**Failing Item:**

- IOA
- 

**B0085302**    **B0085302**
**Explanation:** Adapter card transmit error**Failing Item:**

- IOA
- 

**B0085401**    **B0085401**
**Explanation:** Communications IOP interrupt not expected**Failing Item:**

- IOA
- 

**B0085410**    **B0085410**
**Explanation:** Data-set-ready error on modem interface**Failing Item:**

- FI00704
  - FI00702
  - IOA
- 

**B0085472**    **B0085472**
**Explanation:** Data-line-occupied initially 'on' error**Failing Item:**

- FI00702
  - FI00703
  - UJ0E3
  - IOA
- 

**B0085474**    **B0085474**
**Explanation:** Automatic call unit has data-line-occupied error**Failing Item:**

- FI00702
  - FI00703
  - UJ0E3
  - IOA
- 

**B0085476**    **B0085476**
**Explanation:** Automatic call unit has present-next-digit error**Failing Item:**

- FI00703
- 

- FI00702
  - IOA
- 

**B00854E1**    **B00854E1**
**Explanation:** Port not operational**Failing Item:**

- IOA
  - UJJ35
- 

**B0085600**    **B0085600**
**Explanation:** Clear-to-send off; error limit per 256 reached**Failing Item:**

- FI00704
- 

**B0085601**    **B0085601**
**Explanation:** Data-set-ready state changed; error limit per 256 reached**Failing Item:**

- FI00704
- 

**B0085602**    **B0085602**
**Explanation:** Clear-to-send state changed; error limit per 256 reached**Failing Item:**

- FI00704
- 

**B0085603**    **B0085603**
**Explanation:** Carrier-detect state changed; error limit per 256 reached**Failing Item:**

- FI00701
  - FI00704
  - FI00705
  - UJ0E3
- 

**B008560B**    **B008560B**
**Explanation:** Data-set-ready error; error limit per 256 reached**Failing Item:**

- FI00701
  - FI00704
  - UJ0E3
  - FI00705
-

## B0085630 • B00856F1

---

### B0085630 B0085630

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

**Failing Item:**

- FI00700
- UJ0E3
- UJJ35
- FI00701
- IOA

---

### B0085632 B0085632

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

**Failing Item:**

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

---

### B0085651 B0085651

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

**Failing Item:**

- UJE34
- UJJ35
- FI00704
- FI00701

---

### B00856E8 B00856E8

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

**Failing Item:**

- UJ0E3
- FI00704
- UJJ35
- FI00701
- IOA

---

### B00856E9 B00856E9

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

**Failing Item:**

- FI00704
- IOA

- FI00701
- AJDG301

---

### B00856EA B00856EA

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

**Failing Item:**

- UJ0E3
- FI00704
- UJJ35
- IOA
- FI00701

---

### B00856EB B00856EB

**Explanation:** Carrier-detect dropped on modem interface

**Failing Item:**

- FI00701
- FI00704
- FI00705
- UJ0E3
- IOA

---

### B00856EC B00856EC

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

**Failing Item:**

- FI00704
- UJJ35
- FI00701
- IOA

---

### B00856ED B00856ED

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

**Failing Item:**

- FI00704
- IOA
- FI00701
- AJDG301

---

### B00856F1 B00856F1

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

**Failing Item:**

- FI00704
- FI00705
- UJ0E3
- FI00701

- IOA

---

**B0085718    B0085718**

**Explanation:** SABM response or UA command received

**Failing Item:**

- UJJ35
- UJ0E3

---

**B0085719    B0085719**

**Explanation:** Protocol mismatch during link initialization

**Failing Item:**

- UJA35
- FI00700
- UJ0E3

---

**B0085721    B0085721**

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

**Failing Item:**

- FI00704
- AJDG301
- FI00701
- IOA

---

**B00857E0    B00857E0**

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

**Failing Item:**

- UJ0E3
- FI00705
- FI00704

---

**B00857E1    B00857E1**

**Explanation:** Overrun error; error limit per 256 reached

**Failing Item:**

- UJJ35
- FI00751

---

**B00857E2    B00857E2**

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

**Failing Item:**

- FI00700
- FI00751

- FI00705
- FI00704
- UJ0E3

---

**B00857E3    B00857E3**

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

**Failing Item:**

- FI00751
- FI00700
- FI00705
- FI00704
- UJ0E3

---

**B00857E4    B00857E4**

**Explanation:** Underrun threshold error; limit per 256 reached

**Failing Item:**

- IOA

---

**B00857E5    B00857E5**

**Explanation:** Long frame; error limit per 256 reached

**Failing Item:**

- UJJ35
- FI00751
- FI00700

---

**B00857F0    B00857F0**

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

**Failing Item:**

- FI00751
- FI00701
- FI00704
- UJ0E3

---

**B00857F1    B00857F1**

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

**Failing Item:**

- FI00751
- FI00700

## B00857F2 • B008FFFF

---

### B00857F2 B00857F2

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

**Failing Item:**

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

---

### B0085886 B0085886

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

**Failing Item:**

- FI00703
- IOA
- FI00702
- UJ0E3

---

### B0085E01 B0085E01

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

**Failing Item:**

- UJ0E3

---

### B0086320 B0086320

**Explanation:** Automatic call unit has abandon-call attempt

**Failing Item:**

- FI00700
- UJA35
- FI00703
- IOA
- FI00702

---

### B0086322 B0086322

**Explanation:** Abandon call retry error; incorrect number length

**Failing Item:**

- UJA35
- FI00703

---

### B0086870 B0086870

**Explanation:** Automatic call unit power turned off

**Failing Item:**

- FI00703
- FI00702
- IOA

---

### B0088011 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 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 B0088020

**Explanation:** User suspected communications problem.

---

### B008DA00 B008DA00

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

**Failing Item:**

- FI00730

---

### B008DA01 B008DA01

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

**Failing Item:**

- FI00730
- IOA

---

### B008FFFF B008FFFF

**Explanation:** User suspected communications problem.

**Failing Item:**

- USER

---

## (B009) Reference codes

---

**B009A000**    **B009A000**

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

**Failing Item:**

- FI00730

---

**B009A001**    **B009A001**

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

**Failing Item:**

- FI00730
- AJDG301

---

**B009A002**    **B009A002**

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

**Failing Item:**

- FI00730

---

**B009A003**    **B009A003**

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

**Failing Item:**

- FI00730

---

**B009A009**    **B009A009**

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

**Failing Item:**

- AJDG301

---

**B009A00A**    **B009A00A**

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

**Failing Item:**

- AJDG301

---

**B009A013**    **B009A013**

**Explanation:** Wrong configuration data given to Ethernet controller

**Failing Item:**

- AJDG301

- UJE35

---

**B009A01B**    **B009A01B**

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

**Failing Item:**

- AJDG301

---

**B009A01C**    **B009A01C**

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

**Failing Item:**

- AJDG301

---

**B009A01D**    **B009A01D**

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

**Failing Item:**

- AJDG301

---

**B009A01F**    **B009A01F**

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

**Failing Item:**

- FI00730
- AJDG301

---

**B009A020**    **B009A020**

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

**Failing Item:**

- FI00730

---

**B009A022**    **B009A022**

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

**Failing Item:**

- AJDG301

---

**B009A023**    **B009A023**

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

## B009A024 • B009A20A

**Failing Item:**

- AJDG301

---

**B009A024 B009A024**

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

**Failing Item:**

- AJDG301

---

**B009A027 B009A027**

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

**Failing Item:**

- FI00730

---

**B009A028 B009A028**

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

**Failing Item:**

- FI00730
- AJDG301

---

**B009A02A B009A02A**

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

**Failing Item:**

- FI00730

---

**B009A02B B009A02B**

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

**Failing Item:**

- AJDG301

---

**B009A02C B009A02C**

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

**Failing Item:**

- AJDG301

---

**B009A02D B009A02D**

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

**Failing Item:**

- AJDG301

---

**B009A201 B009A201**

**Explanation:** Ethernet controller storage not available

**Failing Item:**

- FI00730

---

**B009A203 B009A203**

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

**Failing Item:**

- AJDG301

---

**B009A204 B009A204**

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

**Failing Item:**

- AJDG301

---

**B009A205 B009A205**

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

**Failing Item:**

- FI00730

---

**B009A206 B009A206**

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

**Failing Item:**

- AJDG301

---

**B009A208 B009A208**

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

**Failing Item:**

- AJDG301

---

**B009A209 B009A209**

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

**Failing Item:**

- AJDG301

---

**B009A20A B009A20A**

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

**Failing Item:**

- AJDG301



---

**B009A20B B009A20B**

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

**Failing Item:**

- AJDG301
- 

**B009A20C B009A20C**

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

**Failing Item:**

- FI00730
  - AJDG301
- 

**B009A213 B009A213**

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

**Failing Item:**

- FI00730
- 

**B009A214 B009A214**

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

**Failing Item:**

- FI00730
- 

**B009A404 B009A404**

**Explanation:** Ethernet adapter card error

**Failing Item:**

- IOA
  - UJE40
- 

**B009A40B B009A40B**

**Explanation:** Ethernet adapter card error

**Failing Item:**

- IOA
- 

**B009A42A B009A42A**

**Explanation:** User suspected communications problem.

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

**Failing Item:**

- USER
- 

---

**B009A42B B009A42B**

**Explanation:** Configuration of DUPLEX parameter not supported by network.

**Failing Item:**

- UJE35
  - UJE40
- 

**B009A6C0 B009A6C0**

**Explanation:** Ethernet adapter card error

**Failing Item:**

- UJE39
- 

**B009A6C1 B009A6C1**

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

**Failing Item:**

- AJDG301
- 

**B009A6C2 B009A6C2**

**Explanation:** Ethernet adapter card error

**Failing Item:**

- IOA
- 

**B009A6C5 B009A6C5**

**Explanation:** Ethernet adapter card error

**Failing Item:**

- IOA
- 

**B009A6D1 B009A6D1**

**Explanation:** Ethernet adapter card error

**Failing Item:**

- FI00720
  - FI00722
- 

**B009A6D2 B009A6D2**

**Explanation:** Ethernet adapter card error

**Failing Item:**

- IOA
- 

**B009A6D3 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 B009A6D4

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

**Failing Item:**

- AJDG301

---

### B009A6D5 B009A6D5

**Explanation:** Wrong configuration data given to Ethernet controller

**Failing Item:**

- AJDG301

---

### B009A6D6 B009A6D6

**Explanation:** Wrong configuration data given to Ethernet controller

**Failing Item:**

- AJDG301

---

### B009A6D7 B009A6D7

**Explanation:** Wrong configuration data given to Ethernet controller

**Failing Item:**

- AJDG301

---

### B009A6D8 B009A6D8

**Explanation:** Wrong configuration data given to Ethernet controller

**Failing Item:**

- AJDG301

---

### B009A6D9 B009A6D9

**Explanation:** Ethernet adapter card error

**Failing Item:**

- IOA
- FI00722
- FI00720

---

### B009A6E1 B009A6E1

**Explanation:** Ethernet adapter card error

**Failing Item:**

- FI00730

---

### B009A6E2 B009A6E2

**Explanation:** Ethernet adapter card error

**Failing Item:**

- IOA

---

### B009A6E3 B009A6E3

**Explanation:** Ethernet transceiver error

**Failing Item:**

- UJE40
- FI00722
- UJE35
- IOA

---

### B009A6E6 B009A6E6

**Explanation:** Ethernet transceiver error

**Failing Item:**

- IOA

---

### B009A6E7 B009A6E7

**Explanation:** Ethernet adapter card error

**Failing Item:**

- IOA

---

### B009A6E8 B009A6E8

**Explanation:** Ethernet adapter card error

**Failing Item:**

- IOA

---

### B009A6E9 B009A6E9

**Explanation:** Ethernet adapter card error

**Failing Item:**

- UJE40
- UJE35

---

### B009A6F1 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**    **B009A6F2**

**Explanation:** Configured line speed not supported by network.

**Failing Item:**

- UJE35
- 

**B009A6F3**    **B009A6F3**

**Explanation:** Configuration of DUPLEX parameter not supported by network.

**Failing Item:**

- UJE35
- 

**B009A6F4**    **B009A6F4**

**Explanation:** Unable to establish a network link.

**Failing Item:**

- UJE35
  - FI00722
  - UJE40
  - IOA
- 

**B009A801**    **B009A801**

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

**Failing Item:**

- AJDG301
- 

**B009A805**    **B009A805**

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

**Failing Item:**

- AJDG301
- 

**B009A806**    **B009A806**

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

**Failing Item:**

- AJDG301
  - UJE35
- 

**B009A808**    **B009A808**

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

**Failing Item:**

- AJDG301
  - UJE36
- 

---

**B009A809**    **B009A809**

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

**Failing Item:**

- AJDG301
- 

**B009A80A**    **B009A80A**

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

**Failing Item:**

- AJDG301
- 

**B009A80B**    **B009A80B**

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

**Failing Item:**

- AJDG301
  - UJE36
- 

**B009A80C**    **B009A80C**

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

**Failing Item:**

- AJDG301
- 

**B009A80D**    **B009A80D**

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

**Failing Item:**

- AJDG301
- 

**B009A80E**    **B009A80E**

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

**Failing Item:**

- AJDG301
- 

**B009A80F**    **B009A80F**

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

**Failing Item:**

- AJDG301
-

## B009A810 • B009A822

---

**B009A810**    **B009A810**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- FI00730

---

**B009A811**    **B009A811**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

**B009A812**    **B009A812**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

**B009A815**    **B009A815**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

**B009A816**    **B009A816**

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

**Failing Item:**

- AJDG301

---

**B009A817**    **B009A817**

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

**Failing Item:**

- AJDG301

---

**B009A818**    **B009A818**

**Explanation:** Output value error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

**B009A819**    **B009A819**

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

**Failing Item:**

- FI00730

---

**B009A81A**    **B009A81A**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- FI00730
- AJDG301

---

**B009A81B**    **B009A81B**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- FI00730

---

**B009A81C**    **B009A81C**

**Explanation:** Output value error in vertical Licensed Internal Code

**Failing Item:**

- FI00730

---

**B009A81E**    **B009A81E**

**Explanation:** Output value error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

**B009A81F**    **B009A81F**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- FI00730

---

**B009A822**    **B009A822**

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

**Failing Item:**

- AJDG301
-

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**B009A824**    **B009A824**

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

**Failing Item:**

- AJDG301
- 

**B009A826**    **B009A826**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
  - FI00730
- 

**B009A827**    **B009A827**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
  - FI00730
- 

**B009A829**    **B009A829**

**Explanation:** Output value error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- 

**B009A82A**    **B009A82A**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- 

**B009A82D**    **B009A82D**

**Explanation:** Output value error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- 

**B009A82F**    **B009A82F**

**Explanation:** Output value error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- 

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**B009A830**    **B009A830**

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

**Failing Item:**

- FI00730
- 

**B009A831**    **B009A831**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
  - FI00730
- 

**B009A832**    **B009A832**

**Explanation:** Output value error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- 

**B009A833**    **B009A833**

**Explanation:** Output value error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
  - FI00730
- 

**B009A834**    **B009A834**

**Explanation:** Output value error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- 

**B009A836**    **B009A836**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- FI00730
- 

**B009A838**    **B009A838**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
-

## B009A839 • B009ACD5

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### B009A839 B009A839

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- FI00730

---

### B009A83B B009A83B

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- FI00730

---

### B009A840 B009A840

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- FI00730

---

### B009A842 B009A842

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- FI00730

---

### B009A844 B009A844

**Explanation:** Output value error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

### B009AA06 B009AA06

**Explanation:** Output value error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

### B009AA07 B009AA07

**Explanation:** Output value error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

### B009AA11 B009AA11

**Explanation:** Number of stations greater than allowed in configuration

**Failing Item:**

- UJE35
- AJDG301

---

### B009AA12 B009AA12

**Explanation:** Not enough storage to process adapter command

**Failing Item:**

- AJDG301

---

### B009AA15 B009AA15

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

**Failing Item:**

- AJDG301
- FI00730

---

### B009ACD0 B009ACD0

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

**Failing Item:**

- AJDG301

---

### B009ACD1 B009ACD1

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

**Failing Item:**

- AJDG301

---

### B009ACD4 B009ACD4

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

**Failing Item:**

- AJDG301

---

### B009ACD5 B009ACD5

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

**Failing Item:**

- AJDG301
-

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**B009ACD6 B009ACD6**

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

**Failing Item:**

- AJDG301

---

**B009ACD7 B009ACD7**

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

**Failing Item:**

- AJDG301

---

**B009ACD8 B009ACD8**

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

**Failing Item:**

- AJDG301

---

**B009AF0A B009AF0A**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- FI00730

---

**B009AF0B B009AF0B**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- FI00730

---

**B009FFFF B009FFFF**

**Explanation:** User suspected communications problem.

**Failing Item:**

- USER





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## (B010) Reference codes

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### B0102651 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 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 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 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 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 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 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 B0104594

**Explanation:** Wrong telephone number specified in system configuration

**Failing Item:**

- UJA35
- AJDG301

---

### B0105000 B0105000

**Explanation:** Wrong command sent by vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

### B0105001 B0105001

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

### B0105002 B0105002

**Explanation:** Procedure error in vertical Licensed Internal Code

**Response:** Procedure error in machine instructions

**Failing Item:**

- UJE34
- AJDG301

---

### B0105003 B0105003

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- UJA34

---

### B0105004 B0105004

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301

---

### B0105005 B0105005

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

### B0105006 B0105006

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

### B0105007 B0105007

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- UJA34

---

### B0105009 B0105009

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301

---

### B010500A B010500A

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

### B010500B B010500B

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
-

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**B010500C**    **B010500C****Explanation:** Incorrect command value sent by vertical LIC**Failing Item:**

- AJDG301
- 

**B010500D**    **B010500D****Explanation:** Incorrect command value sent by vertical LIC**Failing Item:**

- AJDG301
  - UJA34
- 

**B010500E**    **B010500E****Explanation:** Incorrect command value sent by vertical LIC**Failing Item:**

- AJDG301
- 

**B010500F**    **B010500F****Explanation:** Incorrect command value sent by vertical LIC**Failing Item:**

- AJDG301
- 

**B0105010**    **B0105010****Explanation:** Incorrect command value sent by vertical LIC**Failing Item:**

- AJDG301
- 

**B0105011**    **B0105011****Explanation:** Incorrect command value sent by vertical LIC**Failing Item:**

- AJDG301
- 

**B0105012**    **B0105012****Explanation:** Incorrect command value sent by vertical LIC**Failing Item:**

- AJDG301
- 

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**B0105013**    **B0105013****Explanation:** Incorrect command value sent by vertical LIC**Failing Item:**

- AJDG301
- 

**B0105014**    **B0105014****Explanation:** Incorrect command value sent by vertical LIC**Failing Item:**

- AJDG301
- 

**B0105015**    **B0105015****Explanation:** Procedure error in vertical Licensed Internal Code**Failing Item:**

- AJDG301
- 

**B0105016**    **B0105016****Explanation:** Incorrect command value sent by vertical LIC**Failing Item:**

- AJDG301
- 

**B0105017**    **B0105017****Explanation:** Incorrect command value sent by vertical LIC**Failing Item:**

- AJDG301
- 

**B0105018**    **B0105018****Explanation:** Incorrect command value sent by vertical LIC**Failing Item:**

- AJDG301
- 

**B0105019**    **B0105019****Explanation:** Incorrect command value sent by vertical LIC**Failing Item:**

- AJDG301
- 

**B010501A**    **B010501A****Explanation:** Vertical LIC did not request enough storage**Failing Item:**

## B010501C • B01050E5

- AJDG301

---

### B010501C B010501C

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

**Failing Item:**

- FI00730

---

### B010501D B010501D

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

**Failing Item:**

- FI00704
- AJDG301
- FI00701
- FI00730
- FI00719

---

### B010501E B010501E

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

**Failing Item:**

- FI00730

---

### B010501F B010501F

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

**Failing Item:**

- FI00730

---

### B0105022 B0105022

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

### B0105023 B0105023

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- UJA34

---

### B0105024 B0105024

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- AJDG301
- FI00730

---

### B0105025 B0105025

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- AJDG301
- FI00730

---

### B01050E0 B01050E0

**Explanation:** Wrong or no external communications cable installed

**Failing Item:**

- UJA34
- FI00701
- FI00719

---

### B01050E1 B01050E1

**Explanation:** Communications line already in use

**Failing Item:**

- AJDG301
- UJA34

---

### B01050E3 B01050E3

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

**Failing Item:**

- AJDG301
- UJA34

---

### B01050E4 B01050E4

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

**Failing Item:**

- AJDG301
- UJA34

---

### B01050E5 B01050E5

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
- UJA34

---

**B01050E6    B01050E6**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
- UJA34
- FI00730

---

**B01050E7    B01050E7**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
- UJA34
- FI00730

---

**B01050E8    B01050E8**

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

**Failing Item:**

- AJDG301

---

**B01050E9    B01050E9**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
- UJA34

---

**B01050EB    B01050EB**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
- UJA34

---

**B01050EC    B01050EC**

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

**Failing Item:**

- AJDG301

---

**B01050ED    B01050ED**

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

**Failing Item:**

- AJDG301

---

**B01050EE    B01050EE**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301

---

**B01050EF    B01050EF**

**Explanation:** Wrong number of dial digits in telephone number

**Failing Item:**

- UJA35
- FI00703
- FI00719
- FI00702

---

**B01050F0    B01050F0**

**Explanation:** No telephone number provided for the call command

**Failing Item:**

- AJDG301
- UJA35

---

**B01050F1    B01050F1**

**Explanation:** Communications line not installed

**Response:**

**Failing Item:**

- AJDG301
- FI00719
- UJA34

---

**B01050F2    B01050F2**

**Explanation:** Automatic call unit cable not installed

**Response:**

**Failing Item:**

- FI00702
- UJA34
- FI00719

## B01050F4 • B01052E1

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### B01050F4 B01050F4

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

**Failing Item:**

- UJE34

---

### B01050F5 B01050F5

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

**Failing Item:**

- UJE34

---

### B01050F6 B01050F6

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

**Failing Item:**

- UJE34

---

### B01050F7 B01050F7

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

**Failing Item:**

- UJE34

---

### B01050F8 B01050F8

**Explanation:** Adapter card transmit error

**Response:**

**Failing Item:**

- FI00719

---

### B0105202 B0105202

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

**Failing Item:**

- FI00730

---

### B0105203 B0105203

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

**Failing Item:**

- FI00730

---

### B0105205 B0105205

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

**Failing Item:**

- FI00730
- AJDG301

---

### B0105206 B0105206

**Explanation:** Communications controller storage not available

**Failing Item:**

- UJA33

---

### B0105207 B0105207

**Explanation:** Communications controller storage not available

**Failing Item:**

- UJA33

---

### B0105208 B0105208

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

**Failing Item:**

- FI00730

---

### B0105209 B0105209

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

**Failing Item:**

- FI00730

---

### B01052E0 B01052E0

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

**Failing Item:**

- FI00730

---

### B01052E1 B01052E1

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

**Failing Item:**

- FI00730
-

---

**B01052E2**    **B01052E2**

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

**Failing Item:**

- UJA33
  - UJA34
- 

**B01052E3**    **B01052E3**

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

**Failing Item:**

- FI00730
- 

**B01052E4**    **B01052E4**

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

**Failing Item:**

- AJDG301
  - UJA34
- 

**B01052E5**    **B01052E5**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
- 

**B01052E6**    **B01052E6**

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

**Failing Item:**

- FI00703
  - UJA32
  - FI00719
  - FI00702
- 

**B01052E7**    **B01052E7**

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

**Failing Item:**

- FI00704
  - FI00701
  - FI00719
- 

---

**B01052E8**    **B01052E8**

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

**Failing Item:**

- FI00730
- 

**B01052E9**    **B01052E9**

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

**Failing Item:**

- FI00730
- 

**B01052EA**    **B01052EA**

**Explanation:** I/O card Licensed Internal Code error

**Failing Item:**

- FI00730
- 

**B0105301**    **B0105301**

**Explanation:** Adapter card receive error

**Failing Item:**

- FI00719
- 

**B0105302**    **B0105302**

**Explanation:** Adapter card transmit error

**Failing Item:**

- FI00719
- 

**B0105401**    **B0105401**

**Explanation:** Communications adapter card interrupt not expected

**Failing Item:**

- FI00719
  - FI00718
- 

**B01054E1**    **B01054E1**

**Explanation:** Communications line not operational

**Failing Item:**

- FI00719
  - UJA34
- 

**B0105600**    **B0105600**

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

**Failing Item:**

- FI00704

## B0105601 • B010560B

- AJDG301
- UJA34
- FI00701
- FI00719

---

### B0105601 B0105601

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

**Failing Item:**

- FI00704
- UJA34
- FI00701
- FI00719

---

### B0105602 B0105602

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

**Failing Item:**

- FI00704
- UJA34
- FI00701
- FI00719

---

### B0105603 B0105603

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

**Failing Item:**

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

---

### B0105604 B0105604

**Explanation:** Call attempted; error limit per 256 reached

**Failing Item:**

- FI00705
- UJ0E3
- FI00703
- UJA34

---

### B0105605 B0105605

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

**Failing Item:**

- UJ0E3
- UJA34

---

### B0105606 B0105606

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

**Failing Item:**

- FI00703
- FI00719
- UJA34
- FI00702

---

### B0105607 B0105607

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

**Failing Item:**

- UJA35
- FI00703
- UJA34
- FI00705
- UJ0E3

---

### B0105608 B0105608

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

**Failing Item:**

- FI00703
- UJA34
- FI00719
- FI00702

---

### B0105609 B0105609

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

**Failing Item:**

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

---

### B010560B B010560B

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

**Failing Item:**

- UJA34



- FI00705
- FI00700
- FI00701
- FI00719
- FI00704

---

**B010560C    B010560C**

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

**Failing Item:**

- UJA35
- FI00703
- UJA34

---

**B0105651    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    B01056E2**

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

**Failing Item:**

- FI00704
- FI00701
- FI00719

---

**B01056E3    B01056E3**

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

**Failing Item:**

- FI00703
- FI00702
- FI00719
- UJ0E3

---

**B01056E4    B01056E4**

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

**Failing Item:**

- FI00703
- FI00719
- FI00702

---

**B01056E5    B01056E5**

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

**Failing Item:**

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

---

**B01056E6    B01056E6**

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

**Failing Item:**

- FI00700
- UJ0E3
- UJA34
- FI00701
- FI00719

---

**B01056E7    B01056E7**

**Explanation:** Automatic call unit command error

**Failing Item:**

- FI00701
- FI00704
- FI00719

---

**B01056E8    B01056E8**

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

**Failing Item:**

- UJ0E3
- UJA34
- FI00704
- FI00701
- FI00719

## B01056E9 • B0105702

---

### B01056E9 B01056E9

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

**Failing Item:**

- FI00704
- FI00701
- FI00719

---

### B01056EA B01056EA

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

**Failing Item:**

- UJ0E3
- UJA34
- FI00704
- FI00701
- FI00719

---

### B01056EB B01056EB

**Explanation:** Carrier-detect dropped on modem interface

**Failing Item:**

- FI00701
- FI00704
- UJ0E3
- FI00719

---

### B01056EC B01056EC

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

**Failing Item:**

- FI00704
- UJA34
- FI00701
- FI00719

---

### B01056ED B01056ED

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

**Failing Item:**

- FI00701
- FI00704
- FI00719
- AJDG301

---

### B01056EE B01056EE

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

**Failing Item:**

- FI00700
- UJA35
- FI00703
- FI00719
- FI00702

---

### B01056EF B01056EF

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

**Failing Item:**

- UJA35
- FI00703
- FI00701

---

### B01056F0 B01056F0

**Explanation:** Automatic call unit power turned off

**Failing Item:**

- FI00703
- FI00702
- FI00719

---

### B01056F1 B01056F1

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

**Failing Item:**

- FI00701
- FI00704
- FI00719
- UJ0E3

---

### B0105701 B0105701

**Explanation:** SDLC frame reject type W transmitted

**Failing Item:**

- FI00700
- UJA34

---

### B0105702 B0105702

**Explanation:** SDLC frame reject type X transmitted

**Failing Item:**

- FI00700
- FI00730
- UJA34

---

**B0105703 B0105703**

**Explanation:** SDLC frame reject type Y transmitted

**Failing Item:**

- UJA34
  - FI00700
- 

**B0105704 B0105704**

**Explanation:** SDLC frame reject type Z transmitted

**Failing Item:**

- FI00730
  - FI00700
  - UJA34
- 

**B0105705 B0105705**

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

**Failing Item:**

- FI00730
  - FI00700
- 

**B0105706 B0105706**

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

**Failing Item:**

- FI00730
  - FI00700
- 

**B0105707 B0105707**

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

**Failing Item:**

- FI00730
  - FI00700
  - UJA34
- 

**B0105708 B0105708**

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

**Failing Item:**

- FI00730
  - FI00700
  - UJA34
- 

---

**B0105709 B0105709**

**Explanation:** Not valid control field received from remote equipment

**Failing Item:**

- UJA34
  - FI00700
- 

**B010570A B010570A**

**Explanation:** Incorrect information field received from remote equipment

**Failing Item:**

- FI00700
- 

**B010570B B010570B**

**Explanation:** Incorrect frame reject received from remote equipment

**Failing Item:**

- FI00700
- 

**B010570C B010570C**

**Explanation:** Wrong sequence number received from remote equipment

**Failing Item:**

- FI00700
  - UJA34
- 

**B010570D B010570D**

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- FI00700
- 

**B010570E B010570E**

**Explanation:** Wrong command received from remote equipment

**Failing Item:**

- FI00700
- 

**B010570F B010570F**

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

**Failing Item:**

- FI00700
-

---

**B0105710 B0105710**

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

**Failing Item:**

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

---

**B0105711 B0105711**

**Explanation:** Remote equipment sent more data frames than allowed

**Failing Item:**

- UJA34
- FI00700

---

**B0105712 B0105712**

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

**Failing Item:**

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

---

**B0105713 B0105713**

**Explanation:** Disconnected mode response received from remote system

**Failing Item:**

- FI00700
- FI00730

---

**B0105714 B0105714**

**Explanation:** Disconnected mode response received from remote system

**Failing Item:**

- FI00700

---

**B0105715 B0105715**

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

**Failing Item:**

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

---

**B0105716 B0105716**

**Explanation:** Communications controller storage not available

**Failing Item:**

- FI00730

---

**B0105717 B0105717**

**Explanation:** No response from modem during modem test

**Failing Item:**

- FI00704
- FI00701
- FI00719
- AJDG301

---

**B0105718 B0105718**

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

**Failing Item:**

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

---

**B0105719 B0105719**

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

**Failing Item:**

- FI00700
-

---

**B010571A B010571A**

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

**Failing Item:**

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

**B0105720 B0105720**

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

**Failing Item:**

- FI00700
  - UJA34
- 

**B0105721 B0105721**

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

**Failing Item:**

- FI00701
  - UJA34
  - FI00704
  - FI00730
  - FI00719
- 

**B0105722 B0105722**

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

**Failing Item:**

- AJDG301
  - UJA35
- 

**B0105723 B0105723**

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- FI00700
  - UJA34
- 

---

**B0105724 B0105724**

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

**Failing Item:**

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

**B0105750 B0105750**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
  - FI00730
- 

**B0105751 B0105751**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
  - FI00730
- 

**B0105752 B0105752**

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- FI00700
  - UJA35
- 

**B0105753 B0105753**

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- FI00700
  - FI00730
- 

**B0105754 B0105754**

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- FI00700
  - UJA35
-

## B0105755 • B0105776

- UJA34

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### B0105755 B0105755

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- FI00700
- UJA35

---

### B0105756 B0105756

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- FI00700
- UJA35

---

### B0105757 B0105757

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- FI00700
- FI00730

---

### B0105758 B0105758

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- FI00700
- FI00730
- UJA34
- AJDG301

---

### B0105759 B0105759

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- UJA34
- FI00700

---

### B0105760 B0105760

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

**Failing Item:**

- FI00700
- UJ0E3
- UJA34

---

### B0105762 B0105762

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

**Failing Item:**

- FI00700
- UJ0E3
- UJA34

---

### B0105764 B0105764

**Explanation:** Adapter card transmit error

**Failing Item:**

- FI00701
- FI00704
- FI00719
- FI00730

---

### B0105768 B0105768

**Explanation:** Communications line clear

**Failing Item:**

- UJ0E3
- FI00700
- UJA34

---

### B010576A B010576A

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- FI00700
- UJ0E3
- UJA34

---

### B0105770 B0105770

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
- FI00730

---

### B0105776 B0105776

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- FI00700
- FI00730

---

**B0105778**    **B0105778**

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- FI00700
  - FI00730
- 

**B010577A**    **B010577A**

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- FI00700
  - FI00730
- 

**B010577C**    **B010577C**

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- UJA34
  - FI00700
  - UJA35
  - FI00730
  - AJDG301
- 

**B010577E**    **B010577E**

**Explanation:** Wrong command received from remote equipment

**Failing Item:**

- FI00700
  - FI00730
- 

**B0105780**    **B0105780**

**Explanation:** Maximum retries reached on XID polls after answer

**Failing Item:**

- UJ0E3
  - UJA34
  - FI00719
  - FI00704
- 

**B0105782**    **B0105782**

**Explanation:** Connection cleared after answer after XID exchange

**Failing Item:**

- UJE39
- UJA34

- UJA33
  - UJA35
  - UJE34
- 

**B0105784**    **B0105784**

**Explanation:** Call cleared after answer; session reset

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

**Failing Item:**

- UJE34
  - UJE39
- 

**B01057E0**    **B01057E0**

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

**Failing Item:**

- UJ0E3
  - FI00705
  - FI00704
  - UJA34
- 

**B01057E1**    **B01057E1**

**Explanation:** Overrun error; error limit per 256 reached

**Failing Item:**

- UJA34
- 

**B01057E2**    **B01057E2**

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

**Failing Item:**

- UJ0E3
  - FI00700
  - FI00705
  - FI00704
  - UJA34
- 

**B01057E3**    **B01057E3**

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

**Failing Item:**

- UJ0E3
- FI00700
- FI00705
- FI00704
- UJA34

## B01057E4 • B0105805

---

### B01057E4 B01057E4

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

**Failing Item:**

- UJA34
- FI00700
- UJ0E3
- FI00705
- FI00704

---

### B01057F0 B01057F0

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

**Failing Item:**

- UJ0E3
- FI00700
- FI00705
- FI00704
- UJA34

---

### B01057F1 B01057F1

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

**Failing Item:**

- FI00704
- FI00700
- UJ0E3
- FI00705
- UJA34

---

### B01057F2 B01057F2

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

**Failing Item:**

- FI00700
- UJA34
- UJ0E3
- FI00704
- FI00705

---

### B0105800 B0105800

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

**Failing Item:**

- FI00704
- AJDG301
- UJA34

---

### B0105801 B0105801

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

**Failing Item:**

- AJDG301
- FI00704
- UJA34
- FI00701

---

### B0105802 B0105802

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

**Failing Item:**

- AJDG301
- FI00704
- UJA34
- FI00701
- FI00719

---

### B0105803 B0105803

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

**Failing Item:**

- FI00704
- UJA34

---

### B0105804 B0105804

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

**Failing Item:**

- FI00704
- UJA34
- FI00701

---

### B0105805 B0105805

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

**Failing Item:**

- FI00704
- UJA34
- FI00701
- FI00719



---

**B0105806 B0105806**

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

**Failing Item:**

- FI00730
- UJA34
- FI00704
- UJ0E3

---

**B0105807 B0105807**

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

**Failing Item:**

- FI00704
- UJA34

---

**B0105808 B0105808**

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

**Failing Item:**

- FI00704
- FI00705
- UJA34
- UJ0E3

---

**B0105809 B0105809**

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

**Failing Item:**

- UJA34
- FI00705
- FI00700
- UJ0E3
- FI00704

---

**B010580A B010580A**

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

**Failing Item:**

- UJA34
- UJE34

---

**B010580B B010580B**

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

**Failing Item:**

- UJA33
- UJA34
- FI00730

---

**B010580C B010580C**

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

**Failing Item:**

- UJA33
- UJA34
- FI00730

---

**B010580D B010580D**

**Explanation:** Parity error; error limit per 256 reached

**Failing Item:**

- FI00704
- FI00701
- UJA34
- FI00719

---

**B010580E B010580E**

**Explanation:** Receive overrun; error limit per 256 reached

**Failing Item:**

- FI00719
- UJA34

---

**B010580F B010580F**

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

**Failing Item:**

- FI00730
- UJA34

---

**B0105810 B0105810**

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

**Failing Item:**

- AJDG301
- FI00704
- UJA34
- FI00701
- FI00719

## B0105811 • B010581B

---

### B0105811 B0105811

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

**Failing Item:**

- UJA34
- AJDG301
- FI00704
- FI00705
- UJ0E3

---

### B0105812 B0105812

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

**Failing Item:**

- UJA34
- AJDG301
- FI00704
- FI00705
- UJ0E3

---

### B0105813 B0105813

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

**Failing Item:**

- UJA34
- AJDG301
- FI00704
- FI00705
- UJ0E3

---

### B0105814 B0105814

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

**Failing Item:**

- FI00704
- AJDG301
- UJA34

---

### B0105815 B0105815

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

**Failing Item:**

- UJA34
- AJDG301
- FI00704
- FI00705
- UJ0E3

---

### B0105816 B0105816

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

**Failing Item:**

- FI00704
- AJDG301
- UJA34

---

### B0105817 B0105817

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

**Failing Item:**

- FI00704
- AJDG301
- UJA34

---

### B0105818 B0105818

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

**Failing Item:**

- FI00704
- AJDG301
- UJA34

---

### B0105819 B0105819

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

**Failing Item:**

- AJDG301
- FI00704
- UJA34
- FI00701
- FI00719

---

### B010581A B010581A

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

**Failing Item:**

- FI00704
- AJDG301
- UJA34

---

### B010581B B010581B

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

**Failing Item:**

- UJA34
- UJE34

---

**B010581C    B010581C**

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

**Failing Item:**

- UJA34
- UJE34

---

**B010581D    B010581D**

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

**Failing Item:**

- UJA34
- UJE34

---

**B010581E    B010581E**

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

**Failing Item:**

- UJA34
- UJE34

---

**B010581F    B010581F**

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

**Failing Item:**

- UJA34
- UJE34

---

**B0105820    B0105820**

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

**Failing Item:**

- UJA34
- UJE34

---

**B0105821    B0105821**

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

**Failing Item:**

- UJA34
- UJA35
- FI00700
- FI00705
- UJ0E3

---

**B0105822    B0105822**

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

**Failing Item:**

- FI00700
- UJA34
- UJE34
- UJA35

---

**B0105823    B0105823**

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

**Failing Item:**

- UJA35
- FI00704
- UJA34

---

**B0105824    B0105824**

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

**Failing Item:**

- FI00701
- FI00704
- FI00719
- UJA34

---

**B0105825    B0105825**

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

**Failing Item:**

- UJA35
- UJE34
- UJA34
- UJ0E3

---

**B0105826    B0105826**

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

**Failing Item:**

- UJA35
- UJA34

---

**B0105827    B0105827**

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

**Failing Item:**

## B0105828 • B0105832

- UJA34
- UJA35
- FI00704
- FI00705
- UJ0E3

---

### B0105828 B0105828

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

**Failing Item:**

- FI00705
- FI00700
- UJA35
- UJA34

---

### B0105829 B0105829

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

**Failing Item:**

- UJA35
- FI00700
- UJA34
- FI00705

---

### B010582A B010582A

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

**Failing Item:**

- UJA35
- FI00700
- FI00705
- UJA34

---

### B010582B B010582B

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

**Failing Item:**

- FI00705
- UJA34
- UJA35

---

### B010582C B010582C

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

**Failing Item:**

- UJE34
- UJA35

- UJA34
- FI00704

---

### B010582D B010582D

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

**Failing Item:**

- UJ0E3
- UJA34

---

### B010582E B010582E

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

**Failing Item:**

- FI00704
- FI00705
- UJ0E3
- UJA34

---

### B010582F B010582F

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

**Failing Item:**

- UJE34
- UJA35
- UJA34
- FI00705

---

### B0105830 B0105830

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

**Failing Item:**

- UJ0E3
- UJA34

---

### B0105831 B0105831

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

**Failing Item:**

- UJ0E3
- UJA34

---

### B0105832 B0105832

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

**Failing Item:**

- UJ0E3

- UJA35
- UJA34

---

**B0105833    B0105833**

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

**Failing Item:**

- AJDG301
- UJA34

---

**B0105836    B0105836**

**Explanation:** Call cleared by network equipment

**Failing Item:**

- UJ0E3
- FI00705
- FI00704
- FI00700

---

**B0105837    B0105837**

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

**Failing Item:**

- UJ0E3

---

**B0105838    B0105838**

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

**Failing Item:**

- FI00730
- AJDG301

---

**B0105839    B0105839**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301

---

**B010583A    B010583A**

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

**Failing Item:**

- UJA34

---

**B010583B    B010583B**

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

**Failing Item:**

- FI00730

---

**B010583C    B010583C**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301

---

**B010583D    B010583D**

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

**Failing Item:**

- FI00730

---

**B010583E    B010583E**

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

**Failing Item:**

- FI00730

---

**B010583F    B010583F**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301

---

**B0105840    B0105840**

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

**Failing Item:**

- UJA33
- FI00730

---

**B0105841    B0105841**

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

**Failing Item:**

- UJA33
  - FI00730
-

## B0105842 • B0105853

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### B0105842 B0105842

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

**Failing Item:**

- FI00730

---

### B0105843 B0105843

**Explanation:** Communications overrun while receiving network data

**Failing Item:**

- UJA33
- FI00730
- FI00719
- FI00704

---

### B0105844 B0105844

**Explanation:** Communications adapter error while receiving network data

**Response:**

**Failing Item:**

- FI00719

---

### B0105845 B0105845

**Explanation:** Communications adapter transmit error on selection sequence

**Failing Item:**

- FI00719

---

### B0105846 B0105846

**Explanation:** Communications adapter received network data incorrectly

**Failing Item:**

- UJ0E3
- FI00701
- FI00719

---

### B0105847 B0105847

**Explanation:** Communications controller storage not available

**Failing Item:**

- FI00730
- UJ0E3

---

### B0105849 B0105849

**Explanation:** Wrong information provided by network

**Failing Item:**

- UJ0E3

---

### B010584A B010584A

**Explanation:** Automatic answer time-out

**Failing Item:**

- UJA34
- UJ0E3
- FI00704
- FI00705

---

### B010584B B010584B

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

**Failing Item:**

- UJE34
- UJA34
- FI00730
- FI00719
- FI00704

---

### B0105851 B0105851

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

**Failing Item:**

- UJ0E3
- FI00704
- AJDG301

---

### B0105852 B0105852

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

**Failing Item:**

- UJ0E3
- FI00704
- FI00701
- AJDG301

---

### B0105853 B0105853

**Explanation:** Network remained in unknown condition

**Failing Item:**

- AJDG301
- FI00704

- FI00701
- FI00719

---

**B0105854    B0105854**

**Explanation:** Network time-out type 5 occurred

**Failing Item:**

- FI00704
- AJDG301

---

**B0105855    B0105855**

**Explanation:** Network time-out type 6 occurred

**Failing Item:**

- FI00704
- AJDG301

---

**B0105870    B0105870**

**Explanation:** Network time-out type 1 occurred

**Failing Item:**

- AJDG301
- FI00704
- FI00701
- FI00719

---

**B0105871    B0105871**

**Explanation:** Network time-out type 2 occurred

**Failing Item:**

- UJ0E3
- FI00704
- FI00705
- AJDG301

---

**B0105872    B0105872**

**Explanation:** Network time-out type 3A occurred

**Failing Item:**

- UJ0E3
- FI00704
- FI00705
- AJDG301

---

**B0105873    B0105873**

**Explanation:** Network time-out type 3B occurred

**Failing Item:**

- UJ0E3
- FI00704
- FI00705
- UJA35

- AJDG301

---

**B0105874    B0105874**

**Explanation:** Network time-out type 4A occurred

**Failing Item:**

- FI00704
- AJDG301

---

**B0105875    B0105875**

**Explanation:** Network time-out type 4B occurred

**Failing Item:**

- UJ0E3
- FI00704
- AJDG301

---

**B0105876    B0105876**

**Explanation:** Network time-out type 7 occurred

**Failing Item:**

- FI00704
- AJDG301

---

**B0105877    B0105877**

**Explanation:** Network time-out type 20 occurred

**Failing Item:**

- AJDG301
- FI00704
- FI00701
- FI00719

---

**B0105878    B0105878**

**Explanation:** Network time-out type 21 occurred

**Failing Item:**

- FI00704
- AJDG301

---

**B010587A    B010587A**

**Explanation:** Call cleared by network equipment

**Failing Item:**

- FI00704
- UJ0E3
- FI00705

## B010587B • B010589A

---

**B010587B**    **B010587B**

**Explanation:** Clock signal missing from external communications interface

**Failing Item:**

- FI00701
- FI00719
- FI00704

---

**B0105890**    **B0105890**

**Explanation:** Network call-progress-signal type 20

**Failing Item:**

- FI00700
- FI00705
- UJ0E3
- UJA35

---

**B0105891**    **B0105891**

**Explanation:** Network call-progress-signal type 21

**Failing Item:**

- FI00700
- UJA35
- UJE34

---

**B0105892**    **B0105892**

**Explanation:** Network call-progress-signal type 22

**Failing Item:**

- FI00700
- FI00704
- UJA35

---

**B0105893**    **B0105893**

**Explanation:** Network call-progress-signal type 23

**Failing Item:**

- FI00704
- FI00701
- FI00719

---

**B0105894**    **B0105894**

**Explanation:** Network call-progress-signal type 41

**Failing Item:**

- FI00700
- UJE34
- UJ0E3
- UJA35

---

**B0105895**    **B0105895**

**Explanation:** Network call-progress-signal type 42

**Failing Item:**

- FI00700
- UJA35

---

**B0105896**    **B0105896**

**Explanation:** Network call-progress-signal type 43

**Failing Item:**

- UJ0E3
- FI00700
- FI00704
- FI00705
- UJA35

---

**B0105897**    **B0105897**

**Explanation:** Network call-progress-signal type 44

**Failing Item:**

- FI00700
- FI00705
- UJA35

---

**B0105898**    **B0105898**

**Explanation:** Network call-progress-signal type 45

**Failing Item:**

- FI00700
- FI00705
- UJA35

---

**B0105899**    **B0105899**

**Explanation:** Network call-progress-signal type 46

**Failing Item:**

- FI00700
- FI00705
- UJA35

---

**B010589A**    **B010589A**

**Explanation:** Network call-progress-signal type 47

**Failing Item:**

- FI00700
  - UJ0E3
  - UJA35
  - FI00705
-



---

**B010589B**    **B010589B****Explanation:** Network call-progress-signal type 48**Failing Item:**

- UJE34
  - FI00700
  - FI00704
  - UJA35
- 

**B010589C**    **B010589C****Explanation:** Network call-progress-signal type 49**Failing Item:**

- UJ0E3
- 

**B010589D**    **B010589D****Explanation:** Network call-progress-signal type 51**Failing Item:**

- FI00704
  - UJ0E3
  - FI00705
- 

**B010589E**    **B010589E****Explanation:** Network call-progress-signal type 52**Failing Item:**

- UJE34
  - FI00700
  - FI00705
  - UJA35
- 

**B010589F**    **B010589F****Explanation:** Network call-progress-signal type 61**Failing Item:**

- UJ0E3
- 

**B01058A0**    **B01058A0****Explanation:** Network call-progress-signal type 71**Failing Item:**

- UJ0E3
- 

**B01058A1**    **B01058A1****Explanation:** Network call-progress-signal type 72**Failing Item:**

- UJ0E3
- 

---

**B01058E0**    **B01058E0****Explanation:** Communications line not operational**Failing Item:**

- FI00719
  - UJA34
- 

**B01058E1**    **B01058E1****Explanation:** Communications connection not made**Failing Item:**

- UJA33
  - FI00730
- 

**B01058E2**    **B01058E2****Explanation:** Communications line not operational**Failing Item:**

- FI00704
  - FI00701
  - FI00719
  - FI00730
- 

**B01058E4**    **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**    **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**    **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**    **B0108020**

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

---

**B010FFFF**    **B010FFFF**

**Explanation:** User suspected communications problem.

**Failing Item:**

- USER

---

## (B013) Reference codes

---

**B0136601**    **B0136601**

**Explanation:** I/O adapter hardware error detected

**Failing Item:**

- IOA
- PTFSRCH
- IOP

---

**B0136602**    **B0136602**

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

**Failing Item:**

- PTFSRCH
- IOA
- IOP

---

**B0136603**    **B0136603**

**Explanation:** Tampering of cryptographic card suspected.

**Failing Item:**

- IOA
- IOP
- PTFSRCH

---

**B0136604**    **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**    **B0136611**

**Explanation:** I/O adapter hardware error detected

**Failing Item:**

- IOA
- PTFSRCH

---

**B0136613**    **B0136613**

**Explanation:** Tampering of cryptographic card suspected.

**Failing Item:**

- IOA
- PTFSRCH

---

**B0136614**    **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**    **B0136615**

**Explanation:** Cryptographic adapter LIC not loaded or not valid.

**Failing Item:**

- CRYPTLP
- PTFSRCH
- IOA

---

**B0136616**    **B0136616**

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

---

**B0136617**    **B0136617**

**Explanation:** Adapter monitoring circuitry has failed.

**Failing Item:**

- IOA
- PTFSRCH

---

**B0136618**    **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 • B0136620

- PTFSRCH

---

### B0136619 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 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

---

## (B014) Reference codes

---

**B0146661**    **B0146661**

**Explanation:** Negative-acknowledgment received

---

**B014B005**    **B014B005**

**Explanation:** Block-check error on data received

**Failing Item:**

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

**B014B010**    **B014B010**

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

**Failing Item:**

- FI00701
  - FI00704
  - FI00719
  - AJDG301
- 

**B014B015**    **B014B015**

**Explanation:** Carrier-detect dropped on modem interface

**Failing Item:**

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

**B014B020**    **B014B020**

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

**Failing Item:**

- FI00701
  - FI00704
  - UJB35
  - FI00719
- 

- AJDG301
- 

**B014B025**    **B014B025**

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

**Failing Item:**

- FI00701
  - FI00704
  - UJB35
  - FI00719
  - AJDG301
- 

**B014B030**    **B014B030**

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

**Failing Item:**

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

**B014B035**    **B014B035**

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

**Failing Item:**

- FI00700
  - UJB35
- 

**B014B037**    **B014B037**

**Explanation:** Too many or too few synchronization characters

**Failing Item:**

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

**B014B040**    **B014B040**

**Explanation:** Time-out; no data received

---

## B014B045 • B014B085

### Failing Item:

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

---

### B014B045 B014B045

**Explanation:** Unexpected response to temporary-text-delay

### Failing Item:

- FI00700
- UJ0E3
- FI00719
- UJB35
- FI00704

---

### B014B050 B014B050

**Explanation:** Unexpected response to wait-acknowledge

### Failing Item:

- FI00700
- UJ0E3
- FI00719
- UJB35
- FI00704

---

### B014B055 B014B055

**Explanation:** Data loss because receive buffer full

### Failing Item:

- UJB35
- UJ0E3
- FI00719
- FI00704
- FI00700

---

### B014B060 B014B060

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

### Failing Item:

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

---

### B014B065 B014B065

**Explanation:** Protocol error

### Failing Item:

- UJB35
- FI00718
- FI00700
- FI00719
- FI00704

---

### B014B070 B014B070

**Explanation:** Clock signal missing from external communications interface

### Failing Item:

- FI00701
- FI00704
- FI00719

---

### B014B072 B014B072

**Explanation:** Clock signal missing from external communications interface

### Failing Item:

- FI00701
- FI00704
- FI00719

---

### B014B075 B014B075

**Explanation:** Communications IOP processed data received too slow

### Failing Item:

- UJP37
- UJB35
- FI00719
- UJ0E3

---

### B014B085 B014B085

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

### Failing Item:

- FI00701
  - FI00704
  - FI00719
  - UJ0E3
  - AJDG301
-

---

**B014B090 B014B090**

**Explanation:** Negative-acknowledgment received

**Failing Item:**

- UJ0E3
- UJB35
- FI00719
- UJE34
- FI00704

---

**B014B105 B014B105**

**Explanation:** Data not recognized

**Failing Item:**

- UJ0E3
- FI00719
- UJB35
- FI00704

---

**B014B110 B014B110**

**Explanation:** Remote system did not receive last acknowledgment sent

**Failing Item:**

- UJ0E3
- UJB35
- FI00719
- FI00704





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## (B015) Reference codes

---

**B015A555**    **B015A555**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- FI00730

---

**B015A5AA**    **B015A5AA**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- FI00730

---

**B015A5DD**    **B015A5DD**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- FI00730

---

**B015A5E1**    **B015A5E1**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- FI00730

---

**B015A5E2**    **B015A5E2**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- FI00730

---

**B015A5EE**    **B015A5EE**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- FI00730

---

**B015A5F1**    **B015A5F1**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- FI00730

---

**B015A5F2**    **B015A5F2**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- FI00730

---

**B015A5F3**    **B015A5F3**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- FI00730

---

**B015A5F5**    **B015A5F5**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- FI00730

---

**B015A5F7**    **B015A5F7**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- FI00730

---

**B015A5F9**    **B015A5F9**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- FI00730

---

**B015A5FA**    **B015A5FA**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- FI00730

---

**B015A5FC**    **B015A5FC**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- FI00730

---

**B015A800**    **B015A800**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- UJE36

---

**B015A802**    **B015A802**

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

**Failing Item:**

- AJDG301

## B015A803 • B015A847

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**B015A803**    **B015A803**

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

**Failing Item:**

- AJDG301
- 

**B015A804**    **B015A804**

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

**Failing Item:**

- AJDG301
- 

**B015A807**    **B015A807**

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

**Failing Item:**

- FI00730
  - AJDG301
- 

**B015A814**    **B015A814**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
  - FI00730
- 

**B015A820**    **B015A820**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- 

**B015A821**    **B015A821**

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

**Failing Item:**

- AJDG301
- 

**B015A823**    **B015A823**

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

**Failing Item:**

- AJDG301
- 

---

**B015A825**    **B015A825**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
  - FI00730
- 

**B015A837**    **B015A837**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
  - FI00730
- 

**B015A83C**    **B015A83C**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- 

**B015A83D**    **B015A83D**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- FI00730
- 

**B015A845**    **B015A845**

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

**Failing Item:**

- AJDG301
- 

**B015A846**    **B015A846**

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

**Failing Item:**

- AJDG301
- 

**B015A847**    **B015A847**

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

**Failing Item:**

- AJDG301
-

---

**B015AA09**   **B015AA09**

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

**Failing Item:**

- FI00730
- 

**B015AA10**   **B015AA10**

**Explanation:** Number of stations greater than allowed in configuration

**Failing Item:**

- UJE35
- 

**B015AA13**   **B015AA13**

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

**Failing Item:**

- FI00730
- 

**B015AA16**   **B015AA16**

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

**Failing Item:**

- FI00730
- 

**B015AA17**   **B015AA17**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- FI00730
- 

**B015AA18**   **B015AA18**

**Explanation:** I/O card Licensed Internal Code failed

**Failing Item:**

- FI00730
- 

**B015AF04**   **B015AF04**

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

**Failing Item:**

- AJDG301
- 

**B015AF05**   **B015AF05**

**Explanation:** Local area network adapter; remote station error

**Failing Item:**

- UJE39

---

**B015AF07**   **B015AF07**

**Explanation:** Local area network adapter; remote station error

**Failing Item:**

- UJE39
- 

**B015AF08**   **B015AF08**

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

**Failing Item:**

- FI00730
- 

**B015AF09**   **B015AF09**

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

**Failing Item:**

- FI00730
  - AJDG301
- 

**B015AFFF**   **B015AFFF**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- FI00730
- UJE34



---

## (B017) Reference codes

---

**B0170001**    **B0170001**

**Explanation:** Low battery condition detected on IOA.

**Failing Item:**

- CRYPBAT
- 

**B0179001**    **B0179001**

**Explanation:** Information only, no service action required



---

## (B025) Reference codes

---

**B025A000**    **B025A000**

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

**Failing Item:**

- AJDGP01

---

**B025A001**    **B025A001**

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

**Failing Item:**

- AJDG301

---

**B025A013**    **B025A013**

**Explanation:** Wrong configuration data given to Ethernet controller

**Failing Item:**

- AJDG301

---

**B025A01B**    **B025A01B**

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

**Failing Item:**

- AJDG301

---

**B025A209**    **B025A209**

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

**Failing Item:**

- AJDG301

---

**B025A404**    **B025A404**

**Explanation:** Ethernet adapter card error

**Failing Item:**

- IOA
- AJDGP01

---

**B025A6D5**    **B025A6D5**

**Explanation:** Wrong configuration data given to Ethernet controller

**Failing Item:**

- AJDG301

---

**B025A6D6**    **B025A6D6**

**Explanation:** Wrong configuration data given to Ethernet controller

**Failing Item:**

- AJDG301

---

**B025A6D9**    **B025A6D9**

**Explanation:** Ethernet adapter card error

**Failing Item:**

- IOA
- FI00722
- IOP

---

**B025A6E3**    **B025A6E3**

**Explanation:** Ethernet adapter or network device cabling error

**Failing Item:**

- FI00722
- UJE40
- IOA

---

**B025A6F2**    **B025A6F2**

**Explanation:** Configured line speed not supported by network.

**Failing Item:**

- UJE35

---

**B025A6F3**    **B025A6F3**

**Explanation:** Configuration of DUPLEX parameter not supported by network.

**Failing Item:**

- UJE35

---

**B025A6F4**    **B025A6F4**

**Explanation:** Unable to establish a network link.

**Failing Item:**

- UJE35
- FI00722

---

**B025A800**    **B025A800**

**Explanation:** MAXFRAME value in CRTLINETH command too large.

## B025A801 • B025B001

### Failing Item:

- UJE35

---

### B025A801 B025A801

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

### Failing Item:

- UJE35

---

### B025B000 B025B000

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

---

### B025B001 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 B026A000**

**Explanation:** I/O card Licensed Internal Code error

**Failing Item:**

- FI00730

---

**B026A001 B026A001**

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

**Failing Item:**

- FI00730
- AJDG301

---

**B026A002 B026A002**

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

**Failing Item:**

- FI00730

---

**B026A003 B026A003**

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

**Failing Item:**

- FI00730

---

**B026A013 B026A013**

**Explanation:** Address error on communications IOP card

**Failing Item:**

- UJ9GC

---

**B026A01B B026A01B**

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

**Failing Item:**

- AJDG301

---

**B026A01C B026A01C**

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

**Failing Item:**

- AJDG301
- FI00730

---

**B026A01D B026A01D**

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

**Failing Item:**

- AJDG301

---

**B026A01F B026A01F**

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

**Failing Item:**

- FI00730
- AJDG301

---

**B026A020 B026A020**

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

**Failing Item:**

- FI00730

---

**B026A022 B026A022**

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

**Failing Item:**

- AJDG301

---

**B026A027 B026A027**

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

**Failing Item:**

- FI00730

---

**B026A028 B026A028**

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

**Failing Item:**

- FI00730
- AJDG301

---

**B026A02A B026A02A**

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

**Failing Item:**

## B026A02B • B026A210

- FI00730

---

### B026A02B B026A02B

**Explanation:** I/O card Licensed Internal Code error

**Failing Item:**

- FI00730
- AJDG301

---

### B026A02C B026A02C

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

**Failing Item:**

- FI00730
- AJDG301

---

### B026A02D B026A02D

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

**Failing Item:**

- AJDG301

---

### B026A030 B026A030

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

**Failing Item:**

- FI00730

---

### B026A201 B026A201

**Explanation:** Communications adapter detected storage access error

**Failing Item:**

- FI00730

---

### B026A203 B026A203

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

**Failing Item:**

- AJDG301

---

### B026A204 B026A204

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

**Failing Item:**

- AJDG301

---

### B026A205 B026A205

**Explanation:** Licensed Internal Code received not correct response

**Failing Item:**

- FI00730

---

### B026A206 B026A206

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

**Failing Item:**

- AJDG301

---

### B026A209 B026A209

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

**Failing Item:**

- AJDG301

---

### B026A20A B026A20A

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

**Failing Item:**

- AJDG301

---

### B026A20B B026A20B

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

**Failing Item:**

- AJDG301

---

### B026A20C B026A20C

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

**Failing Item:**

- FI00730
- AJDG301

---

### B026A210 B026A210

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

**Failing Item:**

- FI00730

---

**B026A213 B026A213****Explanation:** I/O card Licensed Internal Code error**Failing Item:**

- FI00730
- 

**B026A300 B026A300****Explanation:** I/O Adapter hardware error detected**Failing Item:**

- IOA
  - IOP
- 

**B026A301 B026A301****Explanation:** I/O Adapter hardware error detected**Failing Item:**

- IOA
  - IOP
- 

**B026A302 B026A302****Explanation:** I/O Adapter hardware error detected**Failing Item:**

- IOA
  - IOP
- 

**B026A40B B026A40B****Explanation:** Address error on communications IOP card**Failing Item:**

- IOA
- 

**B026A6C2 B026A6C2****Explanation:** I/O card Licensed Internal Code error**Failing Item:**

- AJDG301
- 

**B026A6D4 B026A6D4****Explanation:** Procedure error in I/O card Licensed Internal Code**Failing Item:**

- AJDG301
- 

**B026A6D5 B026A6D5****Explanation:** Input value error in I/O card Licensed Internal Code**Failing Item:**

- AJDG301
- 

---

**B026A6D6 B026A6D6****Explanation:** Adapter card detected not valid data**Failing Item:**

- AJDG301
- 

**B026A6D7 B026A6D7****Explanation:** Adapter card detected not valid data**Failing Item:**

- FI00730
- 

**B026A710 B026A710****Explanation:** I/O Adapter hardware error detected**Failing Item:**

- IOA
- 

**B026FFFF B026FFFF****Explanation:** User suspected communications problem.**Failing Item:**

- USER
-



---

## (B028) Reference codes

---

**B0281200**    **B0281200**

**Explanation:** Communications controller task ended abnormally; type 1

**Failing Item:**

- FI00730

---

**B0281201**    **B0281201**

**Explanation:** Communications controller task ended abnormally; type 2

**Failing Item:**

- FI00730

---

**B0281202**    **B0281202**

**Explanation:** Communications controller task ended abnormally; type 3

**Failing Item:**

- FI00730

---

**B0281701**    **B0281701**

**Explanation:** Disconnect mode frame received

**Failing Item:**

- UJ0E9

---

**B0281702**    **B0281702**

**Explanation:** Disconnect mode frame received during link activation

**Failing Item:**

- UJ0E3

---

**B0281703**    **B0281703**

**Explanation:** Disconnect mode frame received when transmitting information

**Failing Item:**

- UJ0E3
- FI00730

---

**B0281704**    **B0281704**

**Explanation:** Frame reject type W received

**Failing Item:**

- FI00730
- UJ0E3

---

**B0281705**    **B0281705**

**Explanation:** Frame reject type X received

**Failing Item:**

- FI00730
- UJ0E3

---

**B0281706**    **B0281706**

**Explanation:** Frame reject type Y received

**Failing Item:**

- FI00730
- UJJ35

---

**B0281707**    **B0281707**

**Explanation:** Frame reject type Z received

**Failing Item:**

- FI00730
- UJ0E3

---

**B0281708**    **B0281708**

**Explanation:** Frame reject type W sent

**Failing Item:**

- UJ0E3
- FI00730

---

**B0281709**    **B0281709**

**Explanation:** Frame reject type X sent

**Failing Item:**

- UJ0E3
- FI00730

---

**B028170A**    **B028170A**

**Explanation:** Frame reject type Y sent

**Failing Item:**

- UJJ35
- UJ0E3

---

**B028170B**    **B028170B**

**Explanation:** Frame reject type Z sent

**Failing Item:**

- FI00730
- UJ0E3

## B028170C • B0284592

---

### B028170C B028170C

**Explanation:** Frame retry limit reached

**Failing Item:**

- UJ0E9
- FI00701
- FI00704
- UJJ35

---

### B028170D B028170D

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

**Failing Item:**

- FI00730
- UJ0E3

---

### B028170E B028170E

**Explanation:** Wrong response received from remote equipment

**Failing Item:**

- UJJ35
- UJ0E3
- FI00700

---

### B0282651 B0282651

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

**Failing Item:**

- UJE34
- UJJ35
- FI00704
- FI00701

---

### B0282652 B0282652

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

**Failing Item:**

- UJ0E3
- FI00704
- UJA35

---

### B0282653 B0282653

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

**Failing Item:**

- UJ0E3
- FI00704

---

### B0282654 B0282654

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

**Failing Item:**

- UJ0E3
- UJA35

---

### B0282656 B0282656

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

**Failing Item:**

- UJ0E3
- FI00705
- UJA35

---

### B0282657 B0282657

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

**Failing Item:**

- UJ0E3
- UJA35

---

### B0282660 B0282660

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

**Failing Item:**

- UJ0E3
- FI00704

---

### B028450A B028450A

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301

---

### B0284590 B0284590

**Explanation:** Wrong telephone number specified in system configuration

**Failing Item:**

- UJA35
- FI00751

---

### B0284592 B0284592

**Explanation:** No number specified in controller description

**Failing Item:**

- UJA35
- FI00751

---

**B0284594    B0284594**

**Explanation:** Wrong telephone number specified in system configuration

**Failing Item:**

- UJA35
- FI00751

---

**B0285000    B0285000**

**Explanation:** Wrong command received by communications controller

**Failing Item:**

- FI00751

---

**B0285002    B0285002**

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

**Failing Item:**

- FI00751

---

**B0285008    B0285008**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- UJE34

---

**B0285009    B0285009**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00751

---

**B028500B    B028500B**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00751

---

**B028500C    B028500C**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00751

---

**B028500D    B028500D**

**Explanation:** Wrong data length received by communications controller

**Failing Item:**

- FI00751
- UJJ35

---

**B028500E    B028500E**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00751

---

**B028500F    B028500F**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00751

---

**B0285010    B0285010**

**Explanation:** Wrong reset option received by communications controller

**Failing Item:**

- FI00751
- FI00730

---

**B0285011    B0285011**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00751
- FI00730

---

**B0285012    B0285012**

**Explanation:** Wrong session ID received by communications controller

**Failing Item:**

- FI00751
- FI00730

---

**B0285014    B0285014**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00751
- FI00730

## B0285015 • B02850E0

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**B0285015**    **B0285015**

**Explanation:** Communications line already in use

**Failing Item:**

- FI00751
- FI00730

---

**B0285016**    **B0285016**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00751
- FI00730

---

**B0285017**    **B0285017**

**Explanation:** Wrong storage value received; communications controller

**Failing Item:**

- FI00751
- FI00730

---

**B0285018**    **B0285018**

**Explanation:** Wrong trace type received by communications controller

**Failing Item:**

- FI00751
- FI00730

---

**B0285019**    **B0285019**

**Explanation:** Wrong trace length received by communications controller

**Failing Item:**

- FI00751
- FI00730

---

**B028501A**    **B028501A**

**Explanation:** Communications controller temporary storage area too small

**Failing Item:**

- FI00751

---

**B028501B**    **B028501B**

**Explanation:** Wrong ID length value sent by vertical LIC

**Failing Item:**

- FI00751

---

**B028501C**    **B028501C**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00730

---

**B028501E**    **B028501E**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00730

---

**B028501F**    **B028501F**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00730

---

**B0285022**    **B0285022**

**Explanation:** Port already in use

**Failing Item:**

- FI00751
- FI00730

---

**B0285023**    **B0285023**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- FI00751

---

**B0285024**    **B0285024**

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

**Failing Item:**

- FI00751

---

**B02850E0**    **B02850E0**

**Explanation:** Wrong or no external communications cable installed

**Failing Item:**

- UJJ35
- FI00701
- IOA



---

**B02850E1 B02850E1**

**Explanation:** Port already in use

**Failing Item:**

- UJJ35
  - FI00730
- 

**B02850E3 B02850E3**

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

**Failing Item:**

- AJDG301
  - UJJ35
- 

**B02850E4 B02850E4**

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

**Failing Item:**

- AJDG301
- 

**B02850E5 B02850E5**

**Explanation:** Wrong adapter type value sent by Vertical LIC

**Failing Item:**

- FI00751
  - UJJ35
- 

**B02850E6 B02850E6**

**Explanation:** Wrong slot number value sent by Vertical LIC

**Failing Item:**

- FI00751
  - UJJ35
- 

**B02850E7 B02850E7**

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- UJJ35
  - FI00751
- 

**B02850E8 B02850E8**

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

**Failing Item:**

- AJDG301
- 

---

**B02850E9 B02850E9**

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

**Failing Item:**

- AJDG301
- 

**B02850EC B02850EC**

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

**Failing Item:**

- AJDG301
- 

**B02850ED B02850ED**

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

**Failing Item:**

- AJDG301
- 

**B02850EE B02850EE**

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

**Failing Item:**

- AJDG301
- 

**B02850F1 B02850F1**

**Explanation:** Communications adapter card not installed

**Failing Item:**

- AJDG301
  - UJJ35
  - IOA
- 

**B02850F2 B02850F2**

**Explanation:** V.25 adapter not installed

**Failing Item:**

- UJJ35
  - FI00702
  - IOA
- 

**B02850F5 B02850F5**

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

**Failing Item:**

- UJE34
-

## B02850F6 • B02852EA

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**B02850F6**    **B02850F6**

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

**Failing Item:**

- UJE34

---

**B02850F7**    **B02850F7**

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

**Failing Item:**

- UJE34

---

**B0285203**    **B0285203**

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

**Failing Item:**

- FI00730

---

**B0285206**    **B0285206**

**Explanation:** Communications controller storage not available

**Failing Item:**

- FI00730

---

**B02852E0**    **B02852E0**

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

**Failing Item:**

- FI00730

---

**B02852E1**    **B02852E1**

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

**Failing Item:**

- FI00730

---

**B02852E2**    **B02852E2**

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

**Failing Item:**

- FI00730
- UJJ35

---

**B02852E3**    **B02852E3**

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

**Failing Item:**

- FI00730

---

**B02852E4**    **B02852E4**

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

**Failing Item:**

- AJDG301

---

**B02852E5**    **B02852E5**

**Explanation:** Wrong command value received by communications IOP

**Failing Item:**

- FI00730

---

**B02852E7**    **B02852E7**

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

**Failing Item:**

- FI00704
- IOA
- FI00701

---

**B02852E8**    **B02852E8**

**Explanation:** Error when releasing communications controller storage

**Failing Item:**

- FI00730

---

**B02852E9**    **B02852E9**

**Explanation:** Error when assigning communications controller storage

**Failing Item:**

- FI00730

---

**B02852EA**    **B02852EA**

**Explanation:** I/O card Licensed Internal Code error

**Failing Item:**

- FI00730
-

---

**B0285301**    **B0285301**
**Explanation:** Adapter card receive error**Failing Item:**

- IOA
- 

**B0285302**    **B0285302**
**Explanation:** Adapter card transmit error**Failing Item:**

- IOA
- 

**B0285401**    **B0285401**
**Explanation:** Communications IOP interrupt not expected**Failing Item:**

- IOA
- 

**B0285410**    **B0285410**
**Explanation:** Data-set-ready error on modem interface**Failing Item:**

- FI00704
  - FI00702
  - IOA
- 

**B0285472**    **B0285472**
**Explanation:** Data-line-occupied initially 'on' error**Failing Item:**

- FI00702
  - FI00703
  - UJ0E3
  - IOA
- 

**B0285474**    **B0285474**
**Explanation:** Automatic call unit has data-line-occupied error**Failing Item:**

- FI00702
  - FI00703
  - UJ0E3
  - IOA
- 

**B0285476**    **B0285476**
**Explanation:** Automatic call unit has present-next-digit error**Failing Item:**

- FI00703
- 

- FI00702
  - IOA
- 

**B02854E1**    **B02854E1**
**Explanation:** Port not operational**Failing Item:**

- IOA
  - UJJ35
- 

**B0285600**    **B0285600**
**Explanation:** Clear-to-send off; error limit per 256 reached**Failing Item:**

- FI00704
- 

**B0285601**    **B0285601**
**Explanation:** Data-set-ready state changed; error limit per 256 reached**Failing Item:**

- FI00704
- 

**B0285602**    **B0285602**
**Explanation:** Clear-to-send state changed; error limit per 256 reached**Failing Item:**

- FI00704
- 

**B0285603**    **B0285603**
**Explanation:** Carrier-detect state changed; error limit per 256 reached**Failing Item:**

- FI00701
  - FI00704
  - FI00705
  - UJ0E3
- 

**B028560B**    **B028560B**
**Explanation:** Data-set-ready error; error limit per 256 reached**Failing Item:**

- FI00701
  - FI00704
  - UJ0E3
  - FI00705
-

## B0285630 • B02856F1

---

### B0285630 B0285630

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

**Failing Item:**

- FI00700
- UJ0E3
- UJJ35
- FI00701
- IOA

---

### B0285632 B0285632

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

**Failing Item:**

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

---

### B0285651 B0285651

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

**Failing Item:**

- UJE34
- UJJ35
- FI00704
- FI00701

---

### B02856E8 B02856E8

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

**Failing Item:**

- UJ0E3
- FI00704
- UJJ35
- FI00701
- IOA

---

### B02856E9 B02856E9

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

**Failing Item:**

- FI00704
- IOA

- FI00701
- AJDG301

---

### B02856EA B02856EA

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

**Failing Item:**

- UJ0E3
- FI00704
- UJJ35
- IOA
- FI00701

---

### B02856EB B02856EB

**Explanation:** Carrier-detect dropped on modem interface

**Failing Item:**

- FI00701
- FI00704
- FI00705
- UJ0E3
- IOA

---

### B02856EC B02856EC

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

**Failing Item:**

- FI00704
- UJJ35
- FI00701
- IOA

---

### B02856ED B02856ED

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

**Failing Item:**

- FI00704
- IOA
- FI00701
- AJDG301

---

### B02856F1 B02856F1

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

**Failing Item:**

- FI00704
- FI00705
- UJ0E3
- FI00701

- IOA

---

**B0285718    B0285718**

**Explanation:** SABM response or UA command received

**Failing Item:**

- UJJ35
- UJ0E3

---

**B0285719    B0285719**

**Explanation:** Protocol mismatch during link initialization

**Failing Item:**

- UJA35
- FI00700
- UJ0E3

---

**B0285721    B0285721**

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

**Failing Item:**

- FI00704
- AJDG301
- FI00701
- IOA

---

**B02857E0    B02857E0**

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

**Failing Item:**

- UJ0E3
- FI00705
- FI00704

---

**B02857E1    B02857E1**

**Explanation:** Overrun error; error limit per 256 reached

**Failing Item:**

- UJJ35
- FI00751

---

**B02857E2    B02857E2**

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

**Failing Item:**

- FI00700
- FI00751

- FI00705
- FI00704
- UJ0E3

---

**B02857E3    B02857E3**

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

**Failing Item:**

- FI00751
- FI00700
- FI00705
- FI00704
- UJ0E3

---

**B02857E4    B02857E4**

**Explanation:** Underrun threshold error; limit per 256 reached

**Failing Item:**

- IOA

---

**B02857E5    B02857E5**

**Explanation:** Long frame; error limit per 256 reached

**Failing Item:**

- UJJ35
- FI00751
- FI00700

---

**B02857F0    B02857F0**

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

**Failing Item:**

- FI00751
- FI00701
- FI00704
- UJ0E3

---

**B02857F1    B02857F1**

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

**Failing Item:**

- FI00751
- FI00700

## B02857F2 • B028FFFF

---

**B02857F2**    **B02857F2**

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

**Failing Item:**

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

---

**B0285886**    **B0285886**

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

**Failing Item:**

- FI00703
- IOA
- FI00702
- UJ0E3

---

**B0285E01**    **B0285E01**

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

**Failing Item:**

- UJ0E3

---

**B0286320**    **B0286320**

**Explanation:** Automatic call unit has abandon-call attempt

**Failing Item:**

- FI00700
- UJA35
- FI00703
- IOA
- FI00702

---

**B0286322**    **B0286322**

**Explanation:** Abandon call retry error; incorrect number length

**Failing Item:**

- UJA35
- FI00703

---

**B0286870**    **B0286870**

**Explanation:** Automatic call unit power turned off

**Failing Item:**

- FI00703
- FI00702
- IOA

---

**B0288011**    **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**    **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**    **B0288020**

**Explanation:** User suspected communications problem.

---

**B028DA00**    **B028DA00**

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

**Failing Item:**

- FI00730

---

**B028DA01**    **B028DA01**

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

**Failing Item:**

- FI00730
- IOA

---

**B028FFFF**    **B028FFFF**

**Explanation:** User suspected communications problem.

**Failing Item:**

- USER

---

## (B038) Reference codes

---

**B0387000**    **B0387000**

**Explanation:** Vertical Licensed Internal Code sent an incorrect command

**Failing Item:**

- FI00751
- FI00730

---

**B0387002**    **B0387002**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0387004**    **B0387004**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
- FI00730

---

**B0387006**    **B0387006**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0387008**    **B0387008**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B038700C**    **B038700C**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
- FI00730

---

**B038700F**    **B038700F**

**Explanation:** Communications controller storage not available

**Failing Item:**

- FI00751
- FI00730

---

**B0387010**    **B0387010**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
- FI00730

---

**B0387012**    **B0387012**

**Explanation:** I/O card LIC followed incorrect procedure

**Failing Item:**

- FI00730

---

**B0387014**    **B0387014**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
- FI00730

---

**B0387018**    **B0387018**

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

**Failing Item:**

- UJJ39

---

**B038701A**    **B038701A**

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

**Failing Item:**

- AJDG301
- FI00730

---

**B038701C**    **B038701C**

**Explanation:** Wrong command value sent by IBM i

## B038701E • B0387054

Operating System licensed program

**Failing Item:**

- AJDG301
- FI00730

---

**B038701E    B038701E**

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

**Failing Item:**

- UJJ36
- FI00730

---

**B0387020    B0387020**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0387024    B0387024**

**Explanation:** No logical link available for packet network

**Failing Item:**

- UJE38
- FI00751

---

**B0387028    B0387028**

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

**Failing Item:**

- UJE38
- FI00751

---

**B038702C    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    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    B0387048**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0387049    B0387049**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B038704A    B038704A**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B038704C    B038704C**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0387050    B0387050**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
- FI00730

---

**B0387054    B0387054**

**Explanation:** Vertical Licensed Internal Code sent wrong password length

**Failing Item:**

- FI00751
- FI00730



---

**B0387056**    **B0387056**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B0387058**    **B0387058**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B038705C**    **B038705C**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B0387064**    **B0387064**

**Explanation:** Vertical Licensed Internal Code sent wrong data length

**Failing Item:**

- FI00751
  - FI00730
- 

**B038707C**    **B038707C**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- 

**B0387080**    **B0387080**

**Explanation:** Vertical Licensed Internal Code sent an incorrect command

**Failing Item:**

- FI00751
  - FI00730
- 

**B0387084**    **B0387084**

**Explanation:** Number of user requests more than maximum allowed

**Failing Item:**

- FI00751

- FI00730
- 

**B0387090**    **B0387090**

**Explanation:** I/O card LIC followed incorrect procedure

**Failing Item:**

- FI00751
  - FI00730
- 

**B0387092**    **B0387092**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- UJJ38
  - FI00751
  - FI00730
- 

**B0387094**    **B0387094**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B038728C**    **B038728C**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00730
- 

**B03872F0**    **B03872F0**

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

**Failing Item:**

- FI00730
- 

**B03872F2**    **B03872F2**

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

**Failing Item:**

- FI00730
- 

**B0387718**    **B0387718**

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

**Failing Item:**

- UJJ36

## B0387740 • B03877A6

- UJ0E2

---

**B0387740**    **B0387740**

**Explanation:** Remote system sent disconnect command

**Failing Item:**

- UJ0E2

---

**B0387744**    **B0387744**

**Explanation:** Remote system sent disconnect mode frame

**Failing Item:**

- UJ0E2

---

**B0387768**    **B0387768**

**Explanation:** Remote system did not respond to command sent

**Failing Item:**

- UJJ36
- UJ0E2

---

**B038776C**    **B038776C**

**Explanation:** Remote system did not respond to command sent

**Failing Item:**

- UJ0E2
- UJJ36

---

**B0387770**    **B0387770**

**Explanation:** Remote system did not respond to disconnect command

**Failing Item:**

- UJJ36
- UJ0E2

---

**B0387774**    **B0387774**

**Explanation:** Remote system did not verify receiving data

**Failing Item:**

- UJJ36
- UJ0E2

---

**B0387788**    **B0387788**

**Explanation:** Call rejected; wrong value from remote system

**Failing Item:**

- UJ0E6

- UJJ37

---

**B0387794**    **B0387794**

**Explanation:** Expected password not provided by remote system

**Failing Item:**

- UJ0E2

---

**B0387798**    **B0387798**

**Explanation:** Remote system did not respond to test command

**Failing Item:**

- UJ0E2
- UJJ36

---

**B03877A0**    **B03877A0**

**Explanation:** Checksum error; error limit per 256 reached

**Failing Item:**

- UJ0E2
- UJ0E9
- FI00730

---

**B03877A2**    **B03877A2**

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

**Failing Item:**

- UJ0E9

---

**B03877A4**    **B03877A4**

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

**Failing Item:**

- UJ0E9
- UJJ35

---

**B03877A6**    **B03877A6**

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

**Failing Item:**

- UJ0E2
- UJ0E9
- UJJ35

---

**B0387800**    **B0387800**

**Explanation:** Vertical Licensed Internal Code sent an incorrect command

**Failing Item:**

- FI00751
  - FI00730
- 

**B0387802**    **B0387802**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B0387804**    **B0387804**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
  - FI00730
- 

**B0387806**    **B0387806**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B0387808**    **B0387808**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B038780C**    **B038780C**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
- 

**B0387810**    **B0387810**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
- 

- FI00730
- 

**B0387812**    **B0387812**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- FI00751
- 

**B0387820**    **B0387820**

**Explanation:** Too many logical channels defined

**Failing Item:**

- UJJ36
  - FI00730
- 

**B0387824**    **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**    **B0387828**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B038782C**    **B038782C**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
  - FI00730
- 

**B0387840**    **B0387840**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- AJDG301
  - FI00730
-

## B0387842 • B0387860

---

**B0387842**    **B0387842**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- AJDG301
- FI00730

---

**B0387844**    **B0387844**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- AJDG301
- FI00730

---

**B0387846**    **B0387846**

**Explanation:** Communications controller storage not available

**Failing Item:**

- FI00751
- FI00730

---

**B038784C**    **B038784C**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B038784D**    **B038784D**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B038784E**    **B038784E**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0387850**    **B0387850**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0387854**    **B0387854**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0387857**    **B0387857**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- AJDG301
- FI00730

---

**B0387858**    **B0387858**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B038785A**    **B038785A**

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

**Failing Item:**

- UJ0E6
- AJDG301
- FI00730

---

**B038785C**    **B038785C**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0387860**    **B0387860**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- UJJ38

---

**B0387864**    **B0387864**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- UJJ38
  - FI00751
  - FI00730
- 

**B0387868**    **B0387868**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B038786C**    **B038786C**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B0387870**    **B0387870**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B0387872**    **B0387872**

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

**Failing Item:**

- AJDG301
  - FI00730
- 

**B0387874**    **B0387874**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

---

**B0387876**    **B0387876**

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

**Failing Item:**

- AJDG301
  - FI00730
- 

**B0387878**    **B0387878**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B038787A**    **B038787A**

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

**Failing Item:**

- FI00751
  - FI00730
- 

**B038787C**    **B038787C**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
  - FI00730
- 

**B0387884**    **B0387884**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- FI00751
  - FI00730
- 

**B0387888**    **B0387888**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- FI00751
  - FI00730
- 

**B038788C**    **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    B0387894**

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- FI00751
- FI00730

---

**B0387898    B0387898**

**Explanation:** Vertical LIC sent commands in wrong order

**Failing Item:**

- FI00751
- FI00730

---

**B03878A0    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    B03878A4**

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

**Failing Item:**

- FI00751
- FI00730

---

**B03878A6    B03878A6**

**Explanation:** Vertical LIC sent incorrect command values

**Failing Item:**

- FI00751
- FI00730

---

**B0387A90    B0387A90**

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

**Failing Item:**

- FI00730

---

**B0387AF0    B0387AF0**

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

**Failing Item:**

- FI00730

---

**B0387AF4    B0387AF4**

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

**Failing Item:**

- FI00751
- FI00730

---

**B0387F14    B0387F14**

**Explanation:** Reset packet received

**Failing Item:**

- UJ0E9
- UJ0E2
- UJJ36
- UJJ35

---

**B0387F18    B0387F18**

**Explanation:** Clear packet received

**Failing Item:**

- UJ0E9
- UJJ39
- UJ0E2
- UJJ36
- FI00751

---

**B0387F1C    B0387F1C**

**Explanation:** X.25 restart packet received

**Failing Item:**

- UJ0E9
- UJJ36

---

**B0387F30**    **B0387F30****Explanation:** X.25 reset request packet sent**Failing Item:**

- UJJ36
  - UJ0E9
- 

**B0387F34**    **B0387F34****Explanation:** X.25 clear request packet sent**Failing Item:**

- UJJ36
  - UJ0E9
- 

**B0387F35**    **B0387F35****Explanation:** X.25 clear packet sent, packet size negotiation failed**Failing Item:**

- UJ0E9
  - UJJ35
- 

**B0387F36**    **B0387F36****Explanation:** X.25 clear packet sent, window size negotiation failed**Failing Item:**

- UJ0E9
  - UJJ35
- 

**B0387F38**    **B0387F38****Explanation:** X.25 restart request packet sent**Failing Item:**

- UJ0E9
  - UJJ36
- 

**B0387F3A**    **B0387F3A****Explanation:** X.32 restart negotiation failed**Failing Item:**

- UJ0E9
  - UJJ39
- 

**B0387F3C**    **B0387F3C****Explanation:** Time-out on restart packet**Failing Item:**

- UJ0E9

---

**B0387F40**    **B0387F40****Explanation:** Time-out on reset packet**Failing Item:**

- UJ0E9
  - UJJ36
- 

**B0387F44**    **B0387F44****Explanation:** Time-out on call packet**Failing Item:**

- UJ0E9
  - UJJ36
- 

**B0387F48**    **B0387F48****Explanation:** Time-out on clear packet**Failing Item:**

- UJ0E9
  - UJJ36
- 

**B0387F80**    **B0387F80****Explanation:** Packet network used wrong procedures**Failing Item:**

- UJ0E9
  - UJA36
- 

**B0387FA8**    **B0387FA8****Explanation:** Received packet to help diagnosis**Failing Item:**

- UJ0E9
  - FI00730
- 

**B0387FB0**    **B0387FB0****Explanation:** Restart packet sent; error limit per 256 reached**Failing Item:**

- UJ0E9
- 

**B0387FB1**    **B0387FB1****Explanation:** Reset packet received; error limit per 256 reached**Failing Item:**

- UJ0E9
- UJ0E2
- UJJ36
- UJJ35





---

## (B040) Reference codes

---

**B040501C**    **B040501C**

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

**Failing Item:**

- FI00730

---

**B040501E**    **B040501E**

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

**Failing Item:**

- FI00730

---

**B04050E0**    **B04050E0**

**Explanation:** Wrong or no external communications  
cable installed

**Failing Item:**

- UJA34
- FI00701
- IOA

---

**B04050E1**    **B04050E1**

**Explanation:** Communications line already in use

**Failing Item:**

- AJDG301
- UJA34

---

**B04050E3**    **B04050E3**

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

**Failing Item:**

- AJDG301
- UJA34

---

**B04050E4**    **B04050E4**

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

**Failing Item:**

- AJDG301
- UJA34

---

**B04050E5**    **B04050E5**

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

**Failing Item:**

- AJDG301
- UJA34

---

**B04050E6**    **B04050E6**

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

**Failing Item:**

- AJDG301
- UJA34
- FI00730

---

**B04050E7**    **B04050E7**

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

**Failing Item:**

- AJDG301
- UJA34
- FI00730

---

**B04050E8**    **B04050E8**

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

**Failing Item:**

- AJDG301

---

**B04050E9**    **B04050E9**

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

**Failing Item:**

- AJDG301
- UJA34

---

**B04050EB**    **B04050EB**

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

**Failing Item:**

- AJDG301
- UJA34

---

**B04050EC**    **B04050EC**

## B04050ED • B04052E8

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

**Failing Item:**

- AJDG301

---

### B04050ED B04050ED

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

**Failing Item:**

- AJDG301

---

### B04050EE B04050EE

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

**Failing Item:**

- AJDG301

---

### B04050F1 B04050F1

**Explanation:** Communications line not installed

**Failing Item:**

- AJDG301
- UJA34
- IOA

---

### B04050F5 B04050F5

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

**Failing Item:**

- UJA34

---

### B04050F6 B04050F6

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

**Failing Item:**

- UJA34

---

### B04050F8 B04050F8

**Explanation:** Adapter card transmit error

**Failing Item:**

- IOA
- FI00704

---

### B0405203 B0405203

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

**Failing Item:**

- FI00730

---

### B04052E0 B04052E0

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

**Failing Item:**

- FI00730

---

### B04052E1 B04052E1

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

**Failing Item:**

- FI00730

---

### B04052E2 B04052E2

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

**Failing Item:**

- UJA33
- UJA34

---

### B04052E4 B04052E4

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

**Failing Item:**

- AJDG301
- UJA34

---

### B04052E7 B04052E7

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

**Failing Item:**

- FI00704
- UJ0E3
- FI00701
- IOA

---

### B04052E8 B04052E8

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

**Failing Item:**

- FI00730

---

**B04052E9**    **B04052E9**

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

**Failing Item:**

- FI00730
- 

**B04052EA**    **B04052EA**

**Explanation:** I/O card Licensed Internal Code error

**Failing Item:**

- FI00730
- 

**B0405301**    **B0405301**

**Explanation:** Adapter card receive error

**Failing Item:**

- FI00730
  - IOA
- 

**B0405302**    **B0405302**

**Explanation:** Adapter card transmit error

**Failing Item:**

- FI00730
  - IOA
- 

**B0405401**    **B0405401**

**Explanation:** Communications adapter card interrupt not expected

**Failing Item:**

- FI00730
  - IOA
- 

**B04054E1**    **B04054E1**

**Explanation:** Communications line not operational

**Failing Item:**

- IOA
  - UJA34
- 

**B04056E8**    **B04056E8**

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

**Failing Item:**

- UJ0E3
  - UJA34
  - FI00704
  - FI00701
  - IOA
- 

---

**B04056E9**    **B04056E9**

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

**Failing Item:**

- FI00704
  - FI00701
  - IOA
- 

**B04056EA**    **B04056EA**

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

**Failing Item:**

- UJ0E3
  - FI00704
  - UJA34
  - IOA
  - FI00701
- 

**B04056ED**    **B04056ED**

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

**Failing Item:**

- FI00701
  - FI00704
  - IOA
  - AJDG301
- 

**B04056F1**    **B04056F1**

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

**Failing Item:**

- FI00704
  - FI00701
  - UJ0E3
  - IOA
- 

**B040A000**    **B040A000**

**Explanation:** Input value error in communications IOP LIC

**Failing Item:**

- FI00730
- 

**B040A001**    **B040A001**

**Explanation:** Input value error in communications IOP LIC

**Failing Item:**

## B040A002 • B040A210

- FI00730
- AJDG301

---

### B040A002 B040A002

**Explanation:** Input value error in communications IOP LIC

**Failing Item:**

- FI00730

---

### B040A003 B040A003

**Explanation:** Input value error in communications IOP LIC

**Failing Item:**

- AJDG301

---

### B040A00E B040A00E

**Explanation:** Procedure error in Vertical LIC

**Failing Item:**

- AJDG301

---

### B040A016 B040A016

**Explanation:** Input value error in communications IOP LIC

**Failing Item:**

- AJDG301
- FI00730

---

### B040A01B B040A01B

**Explanation:** Input value error in communications IOP LIC

**Failing Item:**

- AJDG301

---

### B040A01C B040A01C

**Explanation:** Input value error in communications IOP LIC

**Failing Item:**

- AJDG301

---

### B040A01D B040A01D

**Explanation:** Input value error in communications IOP LIC

**Failing Item:**

- AJDG301

---

### B040A02D B040A02D

**Explanation:** Input value error in communications IOP LIC

**Failing Item:**

- AJDG301
- FI00730

---

### B040A201 B040A201

**Explanation:** Frame Relay IOP storage not available

**Failing Item:**

- FI00730

---

### B040A204 B040A204

**Explanation:** Input value error in communications IOP LIC

**Failing Item:**

- AJDG301

---

### B040A205 B040A205

**Explanation:** Communications IOP LIC unexpected reponse

**Failing Item:**

- AJDG301

---

### B040A209 B040A209

**Explanation:** Input value error in communications IOP LIC

**Failing Item:**

- AJDG301

---

### B040A20A B040A20A

**Explanation:** Input value error in communications IOP LIC

**Failing Item:**

- AJDG301

---

### B040A20B B040A20B

**Explanation:** Input value error in communications IOP LIC

**Failing Item:**

- AJDG301

---

### B040A210 B040A210

**Explanation:** Communication adapter card error

**Failing Item:**

- FI00701

- IOA

---

**B040A213 B040A213**

**Explanation:** Severe error detected by communications IOP LIC

**Failing Item:**

- FI00730

---

**B040A800 B040A800**

**Explanation:** Network not responding.

**Failing Item:**

- UJ0E3
- FI00730

---

**B040A801 B040A801**

**Explanation:** Too many frames with bad receive sequence counts

**Failing Item:**

- UJ0E3
- FI00730

---

**B040A807 B040A807**

**Explanation:** Network not responding.

**Failing Item:**

- UJ0E3

---

**B040AB00 B040AB00**

**Explanation:** Incorrect config data for Frame Relay LIC

**Failing Item:**

- AJDG301

---

**B040AB01 B040AB01**

**Explanation:** Incorrect config data for Frame Relay LIC

**Failing Item:**

- AJDG301

---

**B040AB02 B040AB02**

**Explanation:** Incorrect config data for Frame Relay LIC

**Failing Item:**

- AJDG301

---

**B040FFFF B040FFFF**

**Explanation:** User perceived problem

**Failing Item:**

- USER



---

## (B057) Reference codes

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**B0570010**    **B0570010**

**Explanation:** iSCSI initiator requested unknown storage target node

**Failing Item:**

- AJDG301
- 

**B0570011**    **B0570011**

**Explanation:** iSCSI Login failure

---

**B0570012**    **B0570012**

**Explanation:** iSCSI Login failure

---

**B0570013**    **B0570013**

**Explanation:** iSCSI Login failure

---

**B0570014**    **B0570014**

**Explanation:** iSCSI Login failure

---

**B0570015**    **B0570015**

**Explanation:** iSCSI Login failure

---

**B0570016**    **B0570016**

**Explanation:** iSCSI Login failure

---

**B0570020**    **B0570020**

**Explanation:** CHAP authentication failure

---

**B0571040**    **B0571040**

**Explanation:** iSCSI Login failure

**Failing Item:**

- HBATARG
  - HBAINIT
  - ROUTER
- 

**B0571041**    **B0571041**

**Explanation:** iSCSI Login failure

**Failing Item:**

- HBATARG
- HBAINIT





---

## (B070) Reference codes

---

**B0700000**    **B0700000**

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

**Failing Item:**

- FI00601
- FI00602
- FI00610

---

**B0700001**    **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**    **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**    **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**    **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**    **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 • B0700025

---

### B0700007 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 B0700008

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

**Response:**

**Failing Item:**

- TWSIP01
- UY1Z5
- FI00601

---

### B0700009 B0700009

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

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- FI00610

---

### B0700020 B0700020

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

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- AJLYD01
- FI00610

---

### B0700021 B0700021

**Explanation:** Device detected not valid value from WS IOP

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- AJLYD01
- FI00610

---

### B0700022 B0700022

**Explanation:** Device detected storage or data overrun

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- AJLYD01
- FI00610

---

### B0700023 B0700023

**Explanation:** Device detected null or attribute exception error

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- FI00610

---

### B0700024 B0700024

**Explanation:** Device detected wrong start command from WS IOP

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- AJLYD01
- FI00610

---

### B0700025 B0700025

**Explanation:** WS IOP detected wrong exception response from device

**Response:**

**Failing Item:**

- TWSIP01
- FI00601

- FI00610

---

**B0700026**    **B0700026**

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

**Response:**

**Failing Item:**

- TWSIP01
- UY1Z4
- FI00610

---

**B0700049**    **B0700049**

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

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- FI00610

---

**B0700082**    **B0700082**

**Explanation:** WS IOP detected wrong device type from device

**Response:**

**Failing Item:**

- TWSIP01
- FI00601

---

**B0700090**    **B0700090**

**Explanation:** WS IOP detected no status change from device

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- FI00610

---

**B0700091**    **B0700091**

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

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- FI00610

---

**B0700100**    **B0700100**

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

**Failing Item:**

- FI00601
- FI00602
- FI00610

---

**B0700101**    **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**    **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**    **B0700104**

**Explanation:** Device detected parity error from WS IOP

**Response:** Is the problem intermittent?

Yes: Perform the following procedures:

1. INTIP05
2. INTIP14

## B0700105 • B0700120

No: Perform TWSIP01.

**Failing Item:**

- FI00602
- FI00601
- UY1Z1
- FI00610

---

**B0700105    B0700105**

**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

---

**B0700106    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    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    B0700108**

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

**Response:**

**Failing Item:**

- TWSIP01
- UY1Z5
- FI00601

---

**B0700109    B0700109**

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

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- FI00610

---

**B0700111    B0700111**

**Explanation:** WS IOP detected wrong keyboard scan code from display

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- AJLYD01
- FI00610

---

**B0700120    B0700120**

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

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- AJLYD01
- FI00610

---

**B0700121**    **B0700121**

**Explanation:** Device detected not valid value from WS IOP

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- AJLYD01
- FI00610

---

**B0700122**    **B0700122**

**Explanation:** Device detected storage or data overrun

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- AJLYD01
- FI00610

---

**B0700123**    **B0700123**

**Explanation:** Device detected null or attribute exception error

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- FI00610

---

**B0700124**    **B0700124**

**Explanation:** Device detected wrong start command from WS IOP

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- AJLYD01
- FI00610

---

**B0700125**    **B0700125**

**Explanation:** WS IOP detected wrong exception response from device

**Response:**

**Failing Item:**

- TWSIP01
- FI00601

- FI00610

---

**B0700126**    **B0700126**

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

**Response:**

**Failing Item:**

- TWSIP01
- UY1Z4
- FI00610

---

**B0700149**    **B0700149**

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

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- FI00610

---

**B0700170**    **B0700170**

**Explanation:** WS IOP detected error downloading printer definition table

**Failing Item:**

- AJDG301
- FI00601

---

**B0700171**    **B0700171**

**Explanation:** WS IOP detected error downloading printer definition table

**Failing Item:**

- FI00601
- AJLYD01

---

**B0700172**    **B0700172**

**Explanation:** WS IOP detected error downloading printer definition table

**Failing Item:**

- UX201
- AJDG301
- FI00601

---

**B0700173**    **B0700173**

**Explanation:** WS IOP detected error downloading printer definition table

**Failing Item:**

## B0700174 • B0700190

- UX201
- FI00601

---

### B0700174 B0700174

**Explanation:** WS IOP detected error unloading printer definition table

**Failing Item:**

- FI00601
- AJLYD01

---

### B0700175 B0700175

**Explanation:** WS IOP detected device configuration error

**Failing Item:**

- FI00601
- AJLYD01

---

### B0700176 B0700176

**Explanation:** WS IOP detected error downloading LIC to device

**Failing Item:**

- UX202
- FI00601

---

### B0700177 B0700177

**Explanation:** WS IOP detected error downloading LIC to device

**Failing Item:**

- UX202
- FI00601

---

### B0700181 B0700181

**Explanation:** Wrong magnetic stripe reader response

**Response:**

**Failing Item:**

- TWSIP01
- FI00605
- MEDIA
- FI00601
- FI00610

---

### B0700182 B0700182

**Explanation:** WS IOP detected wrong device type from device

**Response:**

**Failing Item:**

- TWSIP01
- FI00601

---

### B0700183 B0700183

**Explanation:** WS IOP detected wrong display size value

**Response:**

**Failing Item:**

- TWSIP01
- FI00601

---

### B0700184 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 B0700189

**Explanation:** Wrong magnetic stripe reader or light pen status

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- FI00605
- FI00607
- FI00610

---

### B0700190 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**    **B0700191**

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

**Response:**

**Failing Item:**

- TWSIP01
- FI00601
- FI00610

---

**B0700200**    **B0700200**

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

**Failing Item:**

- FI00604
- FI00602
- FI00610

---

**B0700201**    **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**    **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**    **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**    **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**    **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 • B0700225

---

### B0700207 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 B0700208

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

**Failing Item:**

- UY1Z5
- FI00604

---

### B0700209 B0700209

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

**Failing Item:**

- FI00604
- FI00610

---

### B0700210 B0700210

**Explanation:** Printer detected equipment error

**Failing Item:**

- FI00604

---

### B0700211 B0700211

**Explanation:** Printer detected equipment error

**Failing Item:**

- FI00604
- AJLYD01
- FI00610

---

### B0700212 B0700212

**Explanation:** Printer detected equipment error

**Failing Item:**

- FI00604

---

### B0700220 B0700220

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

**Failing Item:**

- FI00604
- AJLYD01
- FI00610

---

### B0700221 B0700221

**Explanation:** Device detected not valid value from WS IOP

**Failing Item:**

- FI00604
- AJLYD01
- FI00610

---

### B0700222 B0700222

**Explanation:** Device detected storage or data overrun

**Failing Item:**

- FI00604
- AJLYD01
- FI00610

---

### B0700223 B0700223

**Explanation:** WS IOP detected start command to printer was lost

**Failing Item:**

- FI00604
- FI00602
- FI00610

---

### B0700224 B0700224

**Explanation:** Device detected wrong start command from WS IOP

**Failing Item:**

- FI00604
- AJLYD01
- FI00610

---

### B0700225 B0700225

**Explanation:** WS IOP detected wrong exception response from device

**Failing Item:**

- FI00604
- FI00610



---

**B0700226**    **B0700226****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

**B0700230**    **B0700230****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

**B0700231**    **B0700231****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

**B0700232**    **B0700232****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

**B0700233**    **B0700233****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

**B0700234**    **B0700234****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

**B0700235**    **B0700235****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

**B0700236**    **B0700236****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

**B0700237**    **B0700237****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

---

**B0700238**    **B0700238****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

**B0700239**    **B0700239****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

**B0700240**    **B0700240****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

**B0700241**    **B0700241****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

**B0700242**    **B0700242****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

**B0700243**    **B0700243****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

**B0700244**    **B0700244****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

**B0700245**    **B0700245****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
- 

**B0700246**    **B0700246****Explanation:** Printer detected equipment error**Failing Item:**

- FI00604
-

## B0700247 • B07002A4

---

**B0700247**    **B0700247**

**Explanation:** Printer detected equipment error

**Failing Item:**

- FI00604
- 

**B0700248**    **B0700248**

**Explanation:** Printer detected equipment error

**Failing Item:**

- FI00604
- 

**B0700249**    **B0700249**

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

**Failing Item:**

- FI00604
  - FI00610
- 

**B070026X**    **B070026X**

**Explanation:** Printer detected equipment error

**Response:** See printer documentation for more information.

**Failing Item:**

- FI00604
- 

**B070027X**    **B070027X**

**Explanation:** Printer detected equipment error

**Response:** See printer documentation for more information.

**Failing Item:**

- FI00604
- 

**B070028X**    **B070028X**

**Explanation:** Printer detected equipment error

**Response:** See printer documentation for more information.

**Failing Item:**

- FI00604
- 

**B0700290**    **B0700290**

**Explanation:** WS IOP detected no status change from device

**Failing Item:**

- FI00604
- FI00610

---

**B0700291**    **B0700291**

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

**Failing Item:**

- FI00604
  - FI00610
- 

**B07002A0**    **B07002A0**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
- 

**B07002A1**    **B07002A1**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
- 

**B07002A2**    **B07002A2**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
- 

**B07002A3**    **B07002A3**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
- 

**B07002A4**    **B07002A4**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
-

---

**B07002A5**    **B07002A5**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
- 

**B07002A6**    **B07002A6**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
- 

**B07002A7**    **B07002A7**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
- 

**B07002A8**    **B07002A8**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
- 

**B07002A9**    **B07002A9**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
- 

**B07002AA**    **B07002AA**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
- 

---

**B07002AB**    **B07002AB**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
- 

**B07002AC**    **B07002AC**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
- 

**B07002AD**    **B07002AD**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
- 

**B07002AE**    **B07002AE**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
- 

**B07002AF**    **B07002AF**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
- 

**B07002FF**    **B07002FF**

**Explanation:** Printer detected equipment error

**Response:** Consult the printer's manual for additional information.

**Failing Item:**

- FI00604
-

## B070A000 • B070F000

---

### B070A000 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 B070B000

**Explanation:** WS IOP fails to report part, model and serial number

**Response:**

**Failing Item:**

- TWSIP01
- FI00610

---

### B070C000 B070C000

**Explanation:** WS IOP error not known

**Failing Item:**

- AJLYD01
- FI00610

---

### B070D000 B070D000

**Explanation:** Work Station IOA start-up test error

**Failing Item:**

- FI00610

---

### B070D010 B070D010

**Explanation:** WS IOP storage failure corrected

**Response:**

**Failing Item:**

- TWSIP01
- FI00610

---

### B070D011 B070D011

**Explanation:** WS IOP card storage failure

**Failing Item:**

- FI00610

---

### B070D021 B070D021

**Explanation:** WS IOP detected errors on all cables

**Failing Item:**

- FI00602
- FI00601
- FI00610
- FI00615

---

### B070D022 B070D022

**Explanation:** WS IOP parity errors detected on all cables

**Failing Item:**

- FI00602
- FI00601
- FI00610
- FI00615

---

### B070D023 B070D023

**Explanation:** WS IOP detected errors on some, but not all cables

**Response:**

**Failing Item:**

- TWSIP01
- FI00602
- FI00601
- FI00610

---

### B070E000 B070E000

**Explanation:** WS IOP or IOA error during working operation

**Failing Item:**

- AJLYD01
- FI00610

---

### B070F000 B070F000

**Explanation:** WS IOP or IOA operating system program error

**Failing Item:**

- AJLYD01
- FI00719

---

## (B075) Reference codes

---

### B0750101 B0750101

**Explanation:** WS IOP detected error when transmitting data

**Response:**

**Failing Item:**

- WSCIP01
- FI00601
- UY1Z1
- FI00631
- FI00730

---

### B0750103 B0750103

**Explanation:** WS IOP detected parity error from device

**Response:**

**Failing Item:**

- WSCIP01
- FI00601
- UY1Z1
- FI00631
- FI00730

---

### B0750104 B0750104

**Explanation:** Device detected parity error from WS IOP

**Response:**

**Failing Item:**

- WSCIP01
- FI00601
- UY1Z1
- FI00631
- FI00730

---

### B0750105 B0750105

**Explanation:** WS IOP detected error when transmitting data

**Response:**

**Failing Item:**

- WSCIP01
- FI00601
- UY1Z1
- FI00631

- FI00730

---

### B0750106 B0750106

**Explanation:** WS IOP detected wrong data from device

**Response:**

**Failing Item:**

- WSCIP01
- FI00601
- FI00631
- UY1Z1
- FI00730

---

### B0750107 B0750107

**Explanation:** WS IOP detected wrong address from device

**Response:**

**Failing Item:**

- WSCIP01
- FI00601
- UY1Z1
- FI00730

---

### B0750108 B0750108

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

**Response:**

**Failing Item:**

- WSCIP01
- UY1Z5
- FI00601

---

### B0750109 B0750109

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

**Response:**

**Failing Item:**

- WSCIP01
- FI00601
- FI00615

---

### B0750111 B0750111

## B0750120 • B0750190

**Explanation:** WS IOP detected wrong keyboard scan code from display

**Response:**

**Failing Item:**

- WSCIP01
- FI00601
- FI00730

---

### B0750120 B0750120

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

**Response:**

**Failing Item:**

- WSCIP01
- FI00601
- FI00730

---

### B0750121 B0750121

**Explanation:** Device detected not valid value from WS IOP

**Response:**

**Failing Item:**

- WSCIP01
- FI00601
- FI00730

---

### B0750122 B0750122

**Explanation:** Device detected storage or data overrun

**Response:**

**Failing Item:**

- WSCIP01
- FI00601
- FI00730

---

### B0750123 B0750123

**Explanation:** Device detected null or attribute exception error

**Response:**

**Failing Item:**

- WSCIP01
- FI00601
- FI00730

---

### B0750124 B0750124

**Explanation:** Device detected wrong start command from WS IOP

**Response:**

**Failing Item:**

- WSCIP01
- FI00601
- FI00730

---

### B0750125 B0750125

**Explanation:** WS IOP detected wrong exception response from device

**Response:**

**Failing Item:**

- WSCIP01
- FI00601
- FI00730

---

### B0750126 B0750126

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

**Response:**

**Failing Item:**

- WSCIP01
- UY1Z4
- FI00730

---

### B0750149 B0750149

**Explanation:** WS IOP detected wrong request or read response from device

**Response:**

**Failing Item:**

- WSCIP01
- FI00601
- FI00730

---

### B0750190 B0750190

**Explanation:** WS IOP detected no status change from device

**Response:**

**Failing Item:**

- WSCIP01
- FI00601
- UY1Z1
- FI00730

---

**B0750191**    **B0750191**

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

**Response:**

**Failing Item:**

- WSCIP01
  - FI00601
  - FI00730
- 

**B0750201**    **B0750201**

**Explanation:** WS IOP detected error when transmitting data

**Response:**

**Failing Item:**

- WSCIP01
  - FI00604
  - UY1Z1
  - FI00631
  - FI00730
- 

**B0750203**    **B0750203**

**Explanation:** WS IOP detected parity error from device

**Response:**

**Failing Item:**

- WSCIP01
  - FI00604
  - UY1Z1
  - FI00631
  - FI00730
- 

**B0750204**    **B0750204**

**Explanation:** Device detected parity error from WS IOP

**Response:**

**Failing Item:**

- WSCIP01
  - FI00604
  - UY1Z1
  - FI00631
  - FI00730
- 

**B0750205**    **B0750205**

**Explanation:** WS IOP detected error when transmitting data

**Response:**

**Failing Item:**

- WSCIP01
  - FI00604
  - UY1Z1
  - FI00631
  - FI00730
- 

**B0750206**    **B0750206**

**Explanation:** WS IOP detected wrong data from device

**Response:**

**Failing Item:**

- WSCIP01
  - FI00604
  - FI00631
  - FI00730
- 

**B0750207**    **B0750207**

**Explanation:** WS IOP detected wrong address from device

**Response:**

**Failing Item:**

- WSCIP01
  - FI00604
  - UY1Z1
  - FI00730
- 

**B0750208**    **B0750208**

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

**Failing Item:**

- UY1Z5
  - FI00604
- 

**B0750209**    **B0750209**

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

**Failing Item:**

- FI00604
  - FI00730
- 

**B0750211**    **B0750211**

**Explanation:** Printer detected equipment error

**Failing Item:**

- FI00604
- FI00730

## B0750221 • B0755022

---

### B0750221 B0750221

**Explanation:** Device detected not valid value from WS IOP

**Failing Item:**

- FI00604
- FI00730

---

### B0750224 B0750224

**Explanation:** Device detected wrong start command from WS IOP

**Failing Item:**

- FI00604
- FI00730

---

### B0750225 B0750225

**Explanation:** WS IOP detected wrong exception response from device

**Failing Item:**

- FI00604
- FI00730

---

### B0750290 B0750290

**Explanation:** WS IOP detected no status change from device

**Failing Item:**

- FI00604
- FI00730

---

### B0750291 B0750291

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

**Failing Item:**

- FI00604
- FI00730

---

### B0755000 B0755000

**Explanation:** Wrong command sent by vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

### B0755001 B0755001

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

### B0755002 B0755002

**Explanation:** Procedure error in vertical Licensed Internal Code

**Response:** Procedure error in machine instructions

**Failing Item:**

- UJE34
- AJDG301

---

### B0755006 B0755006

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

### B0755007 B0755007

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301
- UJA34

---

### B0755009 B0755009

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301

---

### B075500A B075500A

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301

---

### B075500D B075500D

**Explanation:** Incorrect command value sent by vertical LIC

**Failing Item:**

- AJDG301
- UJA34

---

### B0755022 B0755022

**Explanation:** Procedure error in vertical Licensed Internal Code

**Failing Item:**

- AJDG301



---

**B0755206**    **B0755206**

**Explanation:** Communications controller storage not available

**Failing Item:**

- UJA33
- 

**B07556EA**    **B07556EA**

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

**Failing Item:**

- UJ0E3
  - FI00704
  - UJA34
  - FI00719
  - FI00701
- 

**B07556ED**    **B07556ED**

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

**Failing Item:**

- FI00701
  - FI00704
  - FI00719
  - AJLAG01
- 

**B07556F1**    **B07556F1**

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

**Failing Item:**

- FI00704
  - FI00701
  - UJ0E3
  - FI00719
- 

**B0755710**    **B0755710**

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

**Failing Item:**

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

---

**B0755712**    **B0755712**

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

**Failing Item:**

- UJA34
  - AJLAG01
  - UJ0E3
  - FI00704
  - FI00705
  - FI00700
  - UJA35
  - FI00701
  - FI00719
- 

**B0755715**    **B0755715**

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

**Failing Item:**

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

**B0755718**    **B0755718**

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

**Failing Item:**

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

**B0755719**    **B0755719**

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

**Failing Item:**

- FI00700
-

## B0755720 • B075FFFF

---

### B0755720 B0755720

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

**Failing Item:**

- FI00700
- UJA34

---

### B0755721 B0755721

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

**Failing Item:**

- FI00704
- UJA34
- FI00701
- FI00719
- FI00730

---

### B0755722 B0755722

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

**Failing Item:**

- AJLAG01
- UJA35

---

### B075A000 B075A000

**Explanation:** Too many devices active on the workstation IOP

**Failing Item:**

- UY1Z2

---

### B075B000 B075B000

**Explanation:** WS IOP card failing to report part, model and serial number

**Response:**

**Failing Item:**

- WSCIP01
- FI00615

---

### B075C000 B075C000

**Explanation:** Workstation IOP error not known

**Failing Item:**

- AJLAG01

---

### B075D000 B075D000

**Explanation:** Workstation IOP error not known

**Failing Item:**

- AJLAG01

---

### B075D001 B075D001

**Explanation:** Wrong or no external communications cable installed

**Failing Item:**

- FI00631
- AJLAG01

---

### B075F003 B075F003

**Explanation:** WS IOA buffer utilization threshold exceeded temporarily

**Failing Item:**

- AJLAG01

---

### B075FFFF B075FFFF

**Explanation:** User suspected problem

**Response:** Reference code FFFF is assigned by the ANZPRB (Analyze Problems) for user-detected errors. Run ANZPRB again if the problem still exists or look in the problem log (WRKPRB) for possible failing FRUs.

**Failing Item:**

- USER

---

## (B1xx) Reference codes

A B1xx reference code indicates that an event or exception occurred in service processor firmware. To resolve any B1xx reference code, determine if the SRC requires a service action or if it is for tracking purposes only.

Diagnostics analyze an event when it occurs to determine if the event requires service or if the event will only be recorded for tracking purposes and future reference. The determination is based on machine type, model, installed features, configuration, topology and activations at the time of the event.

If you do not find the SRC in a serviceable event view then it is a tracking event only and does not require service.

- Tracking events appear as "informational" or "Misc." or "temp" in the IBM i product activity log and the Advanced System Manage Interface (ASMI).
- Serviceable event views are:
  - AIX<sup>®</sup> Diagnostics Results Log
  - IBM i problem log
  - IBM i service action log (SAL)
  - Management console service focal point
  - Linux<sup>®</sup> Diagnostic Messages Log
  - System control panel
  - ASMI listed under serviceable events

---

### B104B201 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 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 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 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 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 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 B110D141

**Explanation:** The chip attention handler was asked to handle an invalid attention type.

## B110D145 • B111C034

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

---

### B110D145 B110D145

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

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

---

### B110E501 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 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 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 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 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 B1112600

**Explanation:** The processor VPD was invalid or missing

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### B1112601 B1112601

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

---

### B1112608 B1112608

**Explanation:** A critical thermal sensor detected an over-temperature condition

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### B111C01F 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 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 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 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 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    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    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    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    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    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    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    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    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    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    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    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    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 • B111C667

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### B111C657 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 B111C658

**Explanation:** The system performed a line delete. This is an informational message; no action is required.

**Response:** None.

---

### B111C65C 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 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 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 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 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 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 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 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 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 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 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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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.

---

**B112C657 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 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 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 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 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 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 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 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 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 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 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 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 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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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 • B114C053

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### B114B2E0 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 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.

---

### B114B898 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 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 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 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 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 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 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 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 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 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.

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---

**B114C651**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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.

---

**B114C805**    **B114C805**

**Explanation:** Wire node CST hardware failure.

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

---

**B114C806**    **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.

---

**B114C878**    **B114C878**

**Explanation:** CST has detected a hardware error.

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

---

**B114C879 B114C879**

**Explanation:** CST has detected a hardware error.

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

---

**B114C87A 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 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.

---

**B114E501 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 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 B114E504**

**Explanation:** A hardware failure was detected in the central electronics complex (CEC).

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

---

**B114E540 B114E540**

**Explanation:** There was a failure most likely attributable to the processor bus controller, but it could also be software-related or require further support.

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

---

**B114E550 B114E550**

**Explanation:** There was a software problem, but this could also be processor bus controller-related or require further support.

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

---

**B120105C 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.

---

**B120C04E 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.

---

**B120C65F 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 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**    **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**    **B120C714**

**Explanation:** An uncorrectable error on an up-steam bus was detected.

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

---

**B120C715**    **B120C715**

**Explanation:** A correctable error on an up-steam 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**    **B120C716**

**Explanation:** A down-stream uncorrectable error was detected on the memory bus.

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

---

**B120C717**    **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**    **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**    **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.

---

**B120E501**    **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**    **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**    **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**    **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**    **B121B2DF**

**Explanation:** A fatal IAP error occurred.

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

---

---

**B121B85E    B121B85E**

**Explanation:** The maintenance command timed out.

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

---

**B121B889    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.

---

**B121C056    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    B121C70E**

**Explanation:** The memory controller failed during memory diagnostics.

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

---

**B121C70F    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    B121C710**

**Explanation:** The memory controller failed during main storage diagnostics.

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

---

**B121C720    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    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    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    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    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    B123C01C**

**Explanation:** CINI has detected an invalid hardware configuration.

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

---

---

**B123C029**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **B123C732**

**Explanation:** An uncorrectable error on the command bus was detected.

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

---

**B123C76C 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 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 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 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 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 B124A40F**

**Explanation:** A failure occurred when trying to set the block offset and length.

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

---

**B124B202 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.

---

**B124B2DF B124B2DF**

**Explanation:** A fatal IAP error occurred.

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

---

**B124B2E0 B124B2E0**

**Explanation:** A n 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.

---

**B124B889 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.

---

**B124C027 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 B124C028**

**Explanation:** CINI was unable to start vital clocks.

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



---

**B124C02D 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 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 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 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 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 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 B124C713**

**Explanation:** The main storage diagnostics detected a bad memory buffer.

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

---

**B124C714 B124C714**

**Explanation:** An uncorrectable error on an up-steam bus was detected.

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

---

**B124C803 B124C803**

**Explanation:** CST detected a hardware error.

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

---

**B124C809 B124C809**

**Explanation:** There was a memory CST hardware failure.

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

---

**B124C80A B124C80A**

**Explanation:** There was a memory RDT hardware failure.

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

---

**B124E501 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 • B125C723

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### B124E504 B124E504

**Explanation:** A hardware failure was detected in the central electronics complex (CEC).

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

---

### B124E540 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 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 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 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 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 B125C028

**Explanation:** CINI was unable to start vital clocks.

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

---

### B125C030 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 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.

---

### B125C65D B125C65D

**Explanation:** BIST (built-in self-test) did not finish within the allotted time.

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

---

### B125C721 B125C721

**Explanation:** L3 diagnostics timed out.

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

---

### B125C722 B125C722

**Explanation:** L3 diagnostics failed.

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

---

### B125C723 B125C723

**Explanation:** An unexpected L3 interrupt was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

**B125C724 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 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 B125C755**

**Explanation:** An L3 cache FBIST failure occurred.

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

---

**B125C756 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 B125C757**

**Explanation:** The L3 cache FBIST test is not being run because all EDRAM pair halves contain line deletes.

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

---

**B125C75C B125C75C**

**Explanation:** The L3 FIR bits were set before running sequential FBIST.

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

---

**B125C764 B125C764**

**Explanation:** The transactions was not synchronized.

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

---

**B125C769 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 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 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 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 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 • B130C652

---

### B125E550 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.

---

### B130B202 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 B130B2DF

**Explanation:** A fatal IAP error occurred.

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

---

### B130B2E0 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 B130B889

**Explanation:** The hardware configuration is invalid

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

---

### B130B892 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 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 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 B130C028

**Explanation:** CINI was unable to start vital clocks.

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

---

### B130C030 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 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 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.

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**B130C654**    **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**    **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**    **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**    **B130C670**

**Explanation:** The chip is bad - all processors have clock errors.

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

---

**B130C80B**    **B130C80B**

**Explanation:** CST detected a hardware error.

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

---

**B130C853**    **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**    **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.

---

**B130E501**    **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**    **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**    **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**    **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**    **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 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 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 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 B131B84E**

**Explanation:** A phase-locked loop lock failure occurred.

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

---

**B131B857 B131B857**

**Explanation:** Unable to properly quiesce I/O hardware

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

---

**B131B889 B131B889**

**Explanation:** Unable to find the associate fabric chip.

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

---

**B131B892 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 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 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 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 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 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.

---

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**B131C027**    **B131C027**

**Explanation:** CINI has received invalid data.

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

---

**B131C030**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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 • B134C652

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### B131E550 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 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 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 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 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 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 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 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 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 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 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 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.



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**B134C654**    **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**    **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**    **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**    **B135E501**

**Explanation:** There was a hardware-detected problem due to the SMA I/O hub.

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

---

**B135E504**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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 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 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 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 B13BC768**

**Explanation:** An error counter was not zero; the test cannot proceed.

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

---

**B1501034 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 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 B1501045**

**Explanation:** Time out waiting for CEC debug data.

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

---

**B1501049 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 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 B150104E**

**Explanation:** A hardware protocol violation has been detected.

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

---

**B150104F B150104F**

**Explanation:** A hardware timeout has been detected.

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

---

**B1501050 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 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.

---

**B150A422    B150A422**

**Explanation:** A file was not found.

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

---

**B150A450    B150A450**

**Explanation:** The RB keyword is not programmed.

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

---

**B150A492    B150A492**

**Explanation:** No VPD was found.

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

---

**B150B104    B150B104**

**Explanation:** Resources are present but not functioning.

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

---

**B150B105    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    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    B150B107**

**Explanation:** This indicates that there are no functional processor clocks in the system, or no active functional processor clocks.

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

---

**B150B10C    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    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.

---

**B150B12B    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    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    B150B131**

**Explanation:** A card in the system is missing, or its VPD data is corrupted.

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

---

**B150B13B 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 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.

If this is not a tracking event perform isolation procedure FSPSP46 located in your host server's service guide.

---

**B150B151 B150B151**

**Explanation:** An error occurred while creating a chip object.

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

---

**B150B170 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 B150B176**

**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.

---

**B150B177 B150B177**

**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.

---

**B150B17B 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 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 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 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 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 B150B2C5**

**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.

---

**B150B2CC 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 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 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 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 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 B150B480**

**Explanation:** An error was returned from a lower-level function.

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

---

**B150B481 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 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 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 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 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 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 B150B718**

**Explanation:** Unable to find a functional communication path between the service processor and the processor. Look at the error logs and guard records to isolate the failing or missing hardware.

## B150B72D • B150B942

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

---

### B150B72D B150B72D

**Explanation:** This is an error log entry created by a debug routine.

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

---

### B150B73F B150B73F

**Explanation:** A power fault was detected.

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

---

### B150B913 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 B150B914

**Explanation:** The call to rdal\_scom\_close failed.

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

---

### B150B917 B150B917

**Explanation:** An ADAL SCOM error occurred.

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

---

### B150B918 B150B918

**Explanation:** An ADAL PSI error occurred.

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

---

### B150B919 B150B919

**Explanation:** An ADAL JTAG error occurred.

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

---

### B150B91B 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 B150B91C

**Explanation:** There was an error when closing the test.

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

---

### B150B921 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 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 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 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    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    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.

---

**B150B946    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    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    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    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    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    B150B964**

**Explanation:** SCOM attentions were detected.

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

---

**B150B965    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    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    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    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.

## B150C005 • B150C802

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### B150C005 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 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 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 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 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 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 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 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 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 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.

---

### B150C801 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 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**    **B150C803**

**Explanation:** CST detected a hardware error.

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

---

**B150C804**    **B150C804**

**Explanation:** RDT detected a hardware error.

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

---

**B150C805**    **B150C805**

**Explanation:** A hardware error was detected.

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

---

**B150C806**    **B150C806**

**Explanation:** A hardware error was detected.

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

---

**B150C807**    **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**    **B150C808**

**Explanation:** RDT detected a hardware error.

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

---

**B150C809**    **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**    **B150C80A**

**Explanation:** RDT detected a hardware error.

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

---

**B150C80B**    **B150C80B**

**Explanation:** CST detected a hardware error.

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

---

**B150C80C**    **B150C80C**

**Explanation:** RDT detected a hardware error.

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

---

**B150C80D**    **B150C80D**

**Explanation:** CST detected a hardware error.

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

---

**B150C80E**    **B150C80E**

**Explanation:** RDT detected a hardware error.

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

---

**B150C80F**    **B150C80F**

**Explanation:** The wire test error log is full.

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

---

**B150C817**    **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 • B150CA01

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### B150C81A 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 B150C822

**Explanation:** eRepair data was successfully applied.

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

---

### B150C823 B150C823

**Explanation:** The system processor group object was not found.

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

---

### B150C826 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 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 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 B150C869

**Explanation:** The hardware may not exist or was garded out.

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

---

### B150C878 B150C878

**Explanation:** CST has detected a hardware error.

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

---

### B150C879 B150C879

**Explanation:** CST has detected a hardware error.

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

---

### B150C87A B150C87A

**Explanation:** CST has detected a hardware error in the processor wire test.

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

---

### B150C87B 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 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.

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**B150CA02 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 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 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 B150CA16**

**Explanation:** Informational message: guard actions were performed on devices the system detected and guarded out during runtime.

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

---

**B150D106 B150D106**

**Explanation:** AH log read failure.

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

---

**B150D134 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 B150D141**

**Explanation:** The chip attention handler was asked to handle an invalid attention type.

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

---

**B150D145 B150D145**

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

---

**B150D151 B150D151**

**Explanation:** There was a callout failure.

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

---

**B150D159 B150D159**

**Explanation:** An invalid register value was found.

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

---

**B150D15E B150D15E**

**Explanation:** An invalid callout was found.

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

---

**B150E501 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 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 • B151B72A

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**B150E540**    **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**    **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.

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**B1517200**    **B1517200**

**Explanation:** Invalid boot request

**Response:** FSPSP02

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**B1517201**    **B1517201**

**Explanation:** Service processor failure

**Response:** FSPSP02

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**B1517202**    **B1517202**

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

**Response:** FSPSP02

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**B1517203**    **B1517203**

**Explanation:** Error setting boot parameters

**Response:** FSPSP02

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**B1517204**    **B1517204**

**Explanation:** Error reading boot parameters

**Response:** FSPSP02

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**B1517205**    **B1517205**

**Explanation:** Boot code error

**Response:** FSPSP02

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**B1517206**    **B1517206**

**Explanation:** Unit check timer was reset

**Response:** FSPSP02

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**B151720A**    **B151720A**

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

**Response:** FSPSP02

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**B151B202**    **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**    **B151B2DF**

**Explanation:** A fatal IAP error occurred.

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

---

**B151B2E0**    **B151B2E0**

**Explanation:** An IAP error that was not fatal occurred, or an IAP warning was issued. The system should be rebooted in slow mode to diagnose this potential problem.

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

---

**B151B729**    **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**    **B151B72A**

**Explanation:** An error was received when attempting a DMA operation between the service processor and the processor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

**B151B732 B151B732**

**Explanation:** An internal firmware error occurred.

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

---

**B151B890 B151B890**

**Explanation:** A hardware error was detected on an internal bus.

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

---

**B151B893 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.

---

**B151E504 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 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 B151F107**

**Explanation:** The threshold of new DRAM errors was reached.

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

---

**B151F109 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 B151F10A**

**Explanation:** An NVRAM address has appeared multiple times.

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

---

**B151F10D 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 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.

---

**B151F128 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.

---

**B152B732 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 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 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 B152F10D**

**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.

---

**B152F127 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 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 B1534128**

**Explanation:** There was an I2C open failure.

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

---

**B1551309 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 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 B155130C**

**Explanation:** Failed to open an I2C device.

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

---

**B155130E B155130E**

**Explanation:** Failed to configure the I2C bus.

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

---

**B155130F B155130F**

**Explanation:** First-failure-data-capture unlock failed.

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

---

**B1551310 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.

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**B1551311**    **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**    **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**    **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**    **B1551314**

**Explanation:** Failed to write to an I2C device.

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

---

**B1551317**    **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**    **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**    **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**    **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**    **B155131F**

**Explanation:** An "invalid command" or "invalid bus speed" error was returned by the hub expansion processor.

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

---

**B1551320**    **B1551320**

**Explanation:** Sub-bus reset failed.

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

---

**B155132A**    **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**    **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**    **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.

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## B1551333 • B155A41B

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### B1551333 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 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.

---

### B155A404 B155A404

**Explanation:** A failure occurred when validating vital product data (VPD) in the converged format.

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

---

### B155A408 B155A408

**Explanation:** An invalid VPD format found.

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

---

### B155A409 B155A409

**Explanation:** An I2C bus configuration operation failed.

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

---

### B155A40C 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 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 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 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 B155A415

**Explanation:** A failure occurred when writing to the I2C device.

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

---

### B155A416 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 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.

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**B155A41C 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 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 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 B155A430**

**Explanation:** Failed to validate the format of the VPD.

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

---

**B155A433 B155A433**

**Explanation:** A file index was not found.

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

---

**B155A434 B155A434**

**Explanation:** An invalid call was made.

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

---

**B155A435 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 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 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 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 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 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 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 • B155A44E

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### B155A43C B155A43C

**Explanation:** A parameter was not valid.

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

---

### B155A43D B155A43D

**Explanation:** An invalid parsing operation was attempted.

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

---

### B155A43E B155A43E

**Explanation:** An invalid synchronization file was found.

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

---

### B155A43F B155A43F

**Explanation:** The synchronization success was not valid.

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

---

### B155A440 B155A440

**Explanation:** The system ID is invalid or has not been programmed.

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

---

### B155A441 B155A441

**Explanation:** Setting an attribute failed.

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

---

### B155A442 B155A442

**Explanation:** Building a location failed.

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

---

### B155A445 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 B155A44A

**Explanation:** Failed to read the module VPD from an I2C SEEPROM.

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

---

### B155A44B 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 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 B155A44D

**Explanation:** Failed to get VTOC block entry information.

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

---

### B155A44E B155A44E

**Explanation:** Checksum failed on a FRU.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

**B155A44F 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 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 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 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 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 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 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.

---

**B155A456 B155A456**

**Explanation:** The world-wide part number (WN) 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.

---

**B155A458 B155A458**

**Explanation:** Failed to connect.

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

---

**B155A45F B155A45F**

**Explanation:** 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.

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**B155A460 B155A460**

**Explanation:** A process 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.

---

**B155A46B B155A46B**

**Explanation:** A read failure occurred.

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

---

**B155A46E B155A46E**

**Explanation:** Failure when reading a registry value.

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

## B155A46F • B155A4B9

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### B155A46F B155A46F

**Explanation:** Failure when writing a registry value.

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

---

### B155A471 B155A471

**Explanation:** The resource ID (RID) was not tagged.

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

---

### B155A472 B155A472

**Explanation:** The SCED sense operation failed.

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

---

### B155A476 B155A476

**Explanation:** Failed to set the DIMM change parameter.

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

---

### B155A477 B155A477

**Explanation:** Failed to set the DIMM speed.

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

---

### B155A47E B155A47E

**Explanation:** No valid copy of the system vital product data (VPD) was found on this system.

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

---

### B155A483 B155A483

**Explanation:** A failure occurred when reading a table.

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

---

### B155A486 B155A486

**Explanation:** A recalculation failure occurred.

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

---

### B155A490 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 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 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 B155A4AF

**Explanation:** Configuration on the I2C DP failed.

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

---

### B155A4B9 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**    **B155A4D4**

**Explanation:** A failure occurred when reading the table from p1.

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

---

**B155A4E0**    **B155A4E0**

**Explanation:** The RB system keyword is invalid or has not been programmed.

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

---

**B155A4E5**    **B155A4E5**

**Explanation:** Validation before update failed.

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

---

**B155A4E6**    **B155A4E6**

**Explanation:** Validation after update failed.

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

---

**B155A4FD**    **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**    **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**    **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**    **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 callouts detailed with the SRC to determine service actions.

---

**B155B131**    **B155B131**

**Explanation:** A card in the system is missing, or its VPD data is corrupted.

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

---

**B1561111**    **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.

---

**B157B10B**    **B157B10B**

**Explanation:** No functional direct memory access (DMA) paths were found. The system cannot boot.

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

---

**B157B145**    **B157B145**

**Explanation:** A chip is missing.

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

---

**B157B90C**    **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    B157B919**

**Explanation:** An ADAL JTAG error was encountered.

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

---

**B157E501    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    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    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    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.

---

**B158B481    B158B481**

**Explanation:** Failed to turn on a chip clock.

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

---

**B158B482    B158B482**

**Explanation:** Failed to turn off the chip clock.

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

---

**B158B483    B158B483**

**Explanation:** Failure of a chip clock operation.

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

---

**B158B484    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    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    B158C004**

**Explanation:** CINI has detected a clock failure.

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

---

**B158C005    B158C005**

**Explanation:** CINI detected a processor clock failure.

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

---

**B158C670    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.

---

**B158CC62**    **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**    **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**    **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**    **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**    **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.

---

**B159A0B0**    **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**    **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**    **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**    **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**    **B15A3302**

**Explanation:** An error occurred while writing the service processor hardware time-of-day clock (RTC). The service processor hardware may need to be replaced.

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

---

**B15A3303**    **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 • B15CB72A

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### B15A3305 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.

---

### B15C104B 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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.

---

**B16087D2 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 B1701041**

**Explanation:** The operation type was not read or write.

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

---

**B1708505 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 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

## B1709020 • B175104D

callouts detailed with the SRC to determine service actions.

---

### B1709020 B1709020

**Explanation:** The service processor either retrieved invalid data from CEC memory, or there are too many FRUs to process.

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

---

### B170902A 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 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 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 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 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 B170E504

**Explanation:** A hardware failure was detected in the central electronics complex (CEC).

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

---

### B170E540 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 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 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 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 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**    **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**    **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**    **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**    **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**    **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**    **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**    **B1753132**

**Explanation:** Sub-bus reset failed.

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

---

**B1753133**    **B1753133**

**Explanation:** The role changed

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B17531FF**    **B17531FF**

**Explanation:** An error occurred in the error logging firmware.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1753909**    **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**    **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**    **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 • B1758C0D

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**B175393E**    **B175393E**

**Explanation:** There was a node controller failover request by the user.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1753940**    **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**    **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**    **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**    **B1754201**

**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.

---

**B1754202**    **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.

---

**B175440B**    **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**    **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**    **B1757026**

**Explanation:** The system power interface (SPIF) server thread was canceled while sending a command to the system power control network (SPCN).

---

**B1758504**    **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**    **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**    **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**    **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.

---

**B175B13F**    **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.

---

**B175B16A**    **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**    **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.

---

**B175B718**    **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.

---

**B175C01D**    **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**    **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.

---

**B175D010**    **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**    **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**    **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**    **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**    **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    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    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    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    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    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    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    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    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.

---

**B1763221    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    B1763224**

**Explanation:** The service processor rebooted to Standby on iplp/NextSide.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1763225    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    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.

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**B1763303**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **B1763435**

**Explanation:** Write the IPL type.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1763437**    **B1763437**

**Explanation:** Tool reset has been requested.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1763438**    **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**    **B1763441**

**Explanation:** The fspiplttype variable's value was 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**    **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**    **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.

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**B1763839**    **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**    **B1763850****Explanation:** The IOMUX (I/O multiplexer) configuration is not valid.**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1763892**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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    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    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    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    B176410A**

**Explanation:** RDAL's ERC connection failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B176410F    B176410F**

**Explanation:** RDAL's ERC write failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1764120    B1764120**

**Explanation:** I nvalid 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    B1764121**

**Explanation:** The RDAL ERC object was not found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B176440B    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    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 callouts detailed with the SRC to determine service actions.

---

**B1766035    B1766035**

**Explanation:** The IPL type was written to the registry.

---

**B1768453    B1768453**

**Explanation:** There was an error when closing the session.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1768478    B1768478**

**Explanation:** An error occurred in the SSL part of the connection

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B176847D    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

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callouts detailed with the SRC to determine service actions.

---

### B1768497 B1768497

**Explanation:** There was an error when setting the network interface.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B17684A0 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 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 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 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 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 B1768A1A

**Explanation:** The loading of a shared library has failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1768A1B B1768A1B

**Explanation:** There was a library DL synchronization error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1768B01 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 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 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 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**    **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**    **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**    **B1768B13**

**Explanation:** Failed to configure the IP address.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1768B14**    **B1768B14**

**Explanation:** Unable to set the hostname.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1768B18**    **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**    **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**    **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**    **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**    **B1768B2E**

**Explanation:** A software open error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1768B35**    **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 callouts detailed with the SRC to determine service actions.

---

**B1768B36**    **B1768B36**

**Explanation:** The network configuration data from the user was incorrect.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1768B3B**    **B1768B3B**

**Explanation:** The device cannot be opened.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1768B43**    **B1768B43**

**Explanation:** An error occurred when getting an IP address.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1768B44    B1768B44**

**Explanation:** An ARP send operation was performed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1768B46    B1768B46**

**Explanation:** The mailbox route was rejected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1768B47    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    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.

---

**B1769004    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    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    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    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    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    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    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    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    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    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    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    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 are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1769052    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    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    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    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    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    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    B176B2DE**

**Explanation:** The elastic interface alignment procedure never completed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B176B2DF    B176B2DF**

**Explanation:** A fatal IAP error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B176B507 • B176B914

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### B176B507 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 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 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 B176B73F

**Explanation:** The CEC encountered a power line disturbance.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B176B740 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 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 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 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 B176B887

**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.

---

### B176B90C 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 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 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.

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**B176B915**    **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**    **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**    **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**    **B176B918**

**Explanation:** An ADAL PSI error was encountered.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B176B919**    **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**    **B176B91B**

**Explanation:** There was an ADAL mailbox error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B176B920**    **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**    **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**    **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**    **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**    **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**    **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**    **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

## B176B963 • B176C74A

are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B176B963 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 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 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 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 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.

---

### B176C01D 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 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 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 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 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 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 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    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    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    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    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    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    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    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    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    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    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    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    B180E504**

**Explanation:** A hardware failure was detected in the central electronics complex (CEC).

**Response:** If this is a tracking event, no service actions

## B180E540 • B1811009

are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B180E540 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 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 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 B180E580

**Explanation:** There was a failure in the service processor firmware.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181000A 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 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 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 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 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 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 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    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    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    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.

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**B181100F    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    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    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    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    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    B1811014**

**Explanation:** The DMA driver could not be opened.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181101B    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    B181101C**

**Explanation:** The DMA user attempted a DMA write with a length of zero.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B181101D • B1811032

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### B181101D B181101D

**Explanation:** DMA user provided NULL as an address.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181101E 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 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 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 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 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 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 B181102D

**Explanation:** The chic client thread timed out trying to collect DMA error data.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181102E B181102E

**Explanation:** The event management constructor failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1811030 B1811030

**Explanation:** Unable to read registry value.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1811031 B1811031

**Explanation:** This is a DMA code error. One thread is overwriting another.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1811032 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**    **B1811033**

**Explanation:** Chic call returned an error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811034**    **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 callouts detailed with the SRC to determine service actions.

---

**B1811036**    **B1811036**

**Explanation:** Manufacturing test failed because of incorrect DMA mode.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811037**    **B1811037**

**Explanation:** Chic client thread that was supposed to collect DMA error data encountered an error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811039**    **B1811039**

**Explanation:** Svpd call returned an error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181103A**    **B181103A**

**Explanation:** Svpd call returned an error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181103B**    **B181103B**

**Explanation:** The current resource ID did not match the list of available resource IDs.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

**B181103C**    **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**    **B181103D**

**Explanation:** DMA paths were found, but none of them was marked as the primary path.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811040**    **B1811040**

**Explanation:** The DMA user provided an invalid address.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811041**    **B1811041**

**Explanation:** Dmae detected an unexpected event.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811042**    **B1811042**

**Explanation:** The spif/PowerState register is undefined.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811043**    **B1811043**

**Explanation:** DMAE could not determine if the CEC was powering off.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811045    B1811045**

**Explanation:** Time out waiting for CEC debug data.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811047    B1811047**

**Explanation:** A CEC data processing operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811048    B1811048**

**Explanation:** Unable to interpret the first-failure-data-capture (FFDC) data.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181104B    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    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    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    B1811050**

**Explanation:** The link needs to go through a reset, then failover.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

**B1811051    B1811051**

**Explanation:** Software detected a timeout.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811052    B1811052**

**Explanation:** A DMA was attempted with an invalid address.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811053    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    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    B1811055**

**Explanation:** There is a problem in the device driver code.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811056    B1811056**

**Explanation:** The operation was cancelled by the caller.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.



---

**B1811057**    **B1811057**

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811058**    **B1811058**

**Explanation:** Invalid HOM node information was received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181105A**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **B1811110**

**Explanation:** Failed to open the slave I2C device driver.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811111**    **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    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    B1811120**

**Explanation:** An invalid parameter was passed into the function.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811121    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    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    B1811130**

**Explanation:** Failed to lock the mutex.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811131    B1811131**

**Explanation:** Failed to stop the execution of the thread holding the mutex.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811132    B1811132**

**Explanation:** Failed to lock the mutex with a timeout.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811133    B1811133**

**Explanation:** Failed to unlock the mutex.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811140    B1811140**

**Explanation:** Failed to read a value from a registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811150    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    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    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    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

callouts detailed with the SRC to determine service actions.

---

**B1811154    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    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    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    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    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    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    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    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    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    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    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    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 • B1811312

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### B1811303 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 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 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 B1811306

**Explanation:** The external library interface received a zero-size data length from the svpd\_read\_data\_persistancy 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 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 B1811308

**Explanation:** An error was encountered by the external library interface.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181130B 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 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 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 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 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 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 B1811312

**Explanation:** Failed to read from an I2C device.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811313**    **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**    **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**    **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**    **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**    **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**    **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**    **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.

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**B181131C**    **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**    **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**    **B1811322**

**Explanation:** An invalid operation was specified.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811323**    **B1811323**

**Explanation:** The first level of basic input parameter validation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811324**    **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**    **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.

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**B1811326    B1811326**

**Explanation:** There was insufficient data in the process message request.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811327    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    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    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    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    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    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    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    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    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    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    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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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 • B1811531

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### B1811344 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 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 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 B1811401

**Explanation:** An invalid argument was passed to a function.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1811402 B1811402

**Explanation:** A call to ADAP open failed for the secondary file descriptor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1811403 B1811403

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1811404 B1811404

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1811405 B1811405

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1811406 B1811406

**Explanation:** The message received was larger than the message buffer.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1811510 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 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 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 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



callouts detailed with the SRC to determine service actions.

---

**B1811533**    **B1811533**

**Explanation:** Failed to obtain the svpd read mode.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811534**    **B1811534**

**Explanation:** Failed to obtain svpd read mode.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811535**    **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**    **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**    **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**    **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**    **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**    **B181153B**

**Explanation:** Invalid block data size in filemode.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181153E**    **B181153E**

**Explanation:** Invalid block name length.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811540**    **B1811540**

**Explanation:** Failed to configure the UART.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811541**    **B1811541**

**Explanation:** Failed to reset the UART.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811542**    **B1811542**

**Explanation:** Failed to open a UART handle.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811543**    **B1811543**

**Explanation:** Failed to close the UART device handle.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B1811544 • B1811551

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### B1811544 B1811544

**Explanation:** Failed to write to the UART buffer.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1811545 B1811545

**Explanation:** Failed to read data from the UART buffer.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1811546 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 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 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 B181154A

**Explanation:** Failed to check on the existence of the smartchip lock file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181154B 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 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 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 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 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 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 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

callouts detailed with the SRC to determine service actions.

---

**B1811552**    **B1811552**

**Explanation:** Device address format given is invalid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811553**    **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**    **B1811554**

**Explanation:** Failed to obtain the free space on a given smartchip.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811555**    **B1811555**

**Explanation:** Failed to read a registry value.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811556**    **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**    **B1811557**

**Explanation:** An invalid number of bytes was returned by a chip in response to a read command.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811558**    **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**    **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**    **B181155A**

**Explanation:** The process message request buffer had no data in it

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181155B**    **B181155B**

**Explanation:** The smartchip request size is invalid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181155C**    **B181155C**

**Explanation:** The smart chip packet size was not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181155D**    **B181155D**

**Explanation:** Failed to unlock the UART FFDC.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181155E**    **B181155E**

**Explanation:** Failed to unlock the universal asynchronous receiver/transmitter (UART) RDAL failed.

**Response:** If this is a tracking event, no service actions

## B181155F • B181156B

are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181155F B181155F

**Explanation:** A first failure data capture (FFDC) at the thread level returned multiple blocks of data; this is invalid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1811560 B1811560

**Explanation:** Failure of an attempt to see if padding of the packets being sent to the chip 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.

---

### B1811561 B1811561

**Explanation:** Failed to perform presence 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.

---

### B1811562 B1811562

**Explanation:** Failed to enable/disable 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.

---

### B1811563 B1811563

**Explanation:** Failed to create a context for a 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.

---

### B1811564 B1811564

**Explanation:** Failed to initialize an event 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.

---

### B1811565 B1811565

**Explanation:** Failed to initialize a 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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### B1811566 B1811566

**Explanation:** A submit 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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### B1811567 B1811567

**Explanation:** A wait 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.

---

### B1811568 B1811568

**Explanation:** Return data 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.

---

### B1811569 B1811569

**Explanation:** A UART event extraction failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181156A B181156A

**Explanation:** A UART event extraction failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181156B 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**    **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**    **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**    **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**    **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**    **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**    **B1811571**

**Explanation:** A bad response was received from a chip.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811572**    **B1811572**

**Explanation:** Failed to read the chip line status.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811573**    **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**    **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**    **B1811575**

**Explanation:** Failed to write the chip line status changes to disable the chip reset line.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811576**    **B1811576**

**Explanation:** Failed to reset the UART.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1811577**    **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 • B18115CD

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### B1811578 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 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 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 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 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 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 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 B181157F

**Explanation:** The RDAL UART event extraction call returned an invalid status.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1811580 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 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 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 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 B18115CF**

**Explanation:** The smartchip for the given device is locked by another user.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812001 B1812001**

**Explanation:** The SPIF application received a signal.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812002 B1812002**

**Explanation:** An internal function call has failed in SPIF.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812003 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 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 B1812005**

**Explanation:** An internal function call has failed in SPIF.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812006 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 B1812007**

**Explanation:** System power interface firmware (SPIF) internal error

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812008 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 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 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 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    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    B181200D**

**Explanation:** Error occurred during the updating of system power interface (SPIF) server's internal power state.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181200E    B181200E**

**Explanation:** SPIF detected invalid data.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181200F    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    B1812010**

**Explanation:** System power interface firmware (SPIF) communication error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812012    B1812012**

**Explanation:** System power interface firmware (SPIF) communication error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812013    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    B1812014**

**Explanation:** System power interface firmware (SPIF) communication error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812015    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    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    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    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.

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**B1812019**    **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**    **B181201A**

**Explanation:** One of the spif\_queue mutexes could not be erased.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181201B**    **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**    **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**    **B181201D**

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181201E**    **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**    **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**    **B1812020**

**Explanation:** System power interface firmware (SPIF) failed to cancel its threads.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812021**    **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**    **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**    **B1812024**

**Explanation:** System power interface firmware (SPIF) communication error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812025**    **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.

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**B1812026 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 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 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 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 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 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 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 B181202D**

**Explanation:** The SPIF client found that the SPIF server was not ready for communication.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181202E 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 B181202F**

**Explanation:** System power interface firmware (SPIF) communication error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812030 B1812030**

**Explanation:** System power interface firmware (SPIF) communication error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812031 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**    **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**    **B1812033**

**Explanation:** System power interface firmware (SPIF) communication error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812034**    **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**    **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**    **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**    **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**    **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**    **B1812039**

**Explanation:** Power off notification by SPIF to the service processor's state manager failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181203A**    **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**    **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**    **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**    **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.

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## B181203E • B1812049

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### B181203E 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 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 B1812040

**Explanation:** System power interface firmware (SPIF) communication error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1812041 B1812041

**Explanation:** An internal function call has failed in SPIF.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1812042 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 B1812043

**Explanation:** An internal function call has failed in SPIF.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1812044 B1812044

**Explanation:** Unexpected data were detected by SPIF.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1812045 B1812045

**Explanation:** An internal function call has failed in SPIF.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1812046 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 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 B1812048

**Explanation:** System power interface firmware (SPIF) internal error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1812049 B1812049

**Explanation:** Power-related function failed in SPIF

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

---

**B181204A 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 B181204B**

**Explanation:** System power interface firmware (SPIF) communication error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812101 B1812101**

**Explanation:** REMP initialization failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812102 B1812102**

**Explanation:** Memory allocation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812103 B1812103**

**Explanation:** A failure occurred when creating a thread.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812104 B1812104**

**Explanation:** A system call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812105 B1812105**

**Explanation:** A system call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

**B1812106 B1812106**

**Explanation:** A system call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812107 B1812107**

**Explanation:** An invalid parameter was passed to a function.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812108 B1812108**

**Explanation:** Unable to create a message queue.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812109 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 B181210A**

**Explanation:** The message had an invalid function ID.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181210B 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    B181210C**

**Explanation:** The file descriptor that was expected was not set after the system call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181210D    B181210D**

**Explanation:** The CDAL call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181210E    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    B181210F**

**Explanation:** An error occurred when removing a message from the queue.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812110    B1812110**

**Explanation:** An error log was committed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812111    B1812111**

**Explanation:** The power lock error log was committed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812112    B1812112**

**Explanation:** The netc close operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

**B1812113    B1812113**

**Explanation:** An error from the event manager was committed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812114    B1812114**

**Explanation:** Unable to create a token queue.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812115    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    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    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    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**    **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**    **B1812204**

**Explanation:** Failed to read a registry value.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812205**    **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**    **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**    **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**    **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**    **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**    **B181220A**

**Explanation:** An invalid pointer was passed into a function.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181220B**    **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**    **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**    **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**    **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 • B181221B

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### B181220F 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 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 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 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 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 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 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 B1812216

**Explanation:** The firmware component that requested the unlock operation did not have a lock on the lock data file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1812218 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 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 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 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    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    B181221D**

**Explanation:** Failed to send a power-on event to the panel for the requested IPL.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181221E    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    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    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    B1812221**

**Explanation:** An invalid argument was passed into the timer thread.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812222    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    B1812223**

**Explanation:** The power lock (PLCK) interface experienced a threading error

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812224    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    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    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    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 • B1812233

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### B1812228 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 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 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 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 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 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 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 B181222F

**Explanation:** The original IPL request has been mapped to an APOR IPL type.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1812230 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 B1812231

**Explanation:** An invalid parameter passed into the function.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1812232 B1812232

**Explanation:** Failed to read a registry value.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1812233 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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**B1812301**    **B1812301**

**Explanation:** An unexpected signal was received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812302**    **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**    **B1812305**

**Explanation:** The function received less data than it was expecting.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812306**    **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**    **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**    **B1812308**

**Explanation:** A registry write failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812309**    **B1812309**

**Explanation:** Failed to build a constructor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181230A**    **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**    **B181230C**

**Explanation:** An error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181230D**    **B181230D**

**Explanation:** An error occurred in an event monitor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181230E**    **B181230E**

**Explanation:** A daemon was not ready.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181230F**    **B181230F**

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812310**    **B1812310**

**Explanation:** PLCK returned an error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812312**    **B1812312**

**Explanation:** A bad return code was received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B1812313 • B1812420

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### B1812313 B1812313

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1812314 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 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 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 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 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 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 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 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 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 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 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.

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**B1812421**    **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**    **B1812422**

**Explanation:** The value of the wake-on-LAN policy is not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812423**    **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**    **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**    **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**    **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**    **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**    **B1812428**

**Explanation:** Failed to get the status of a FRU from VPD.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812429**    **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**    **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**    **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**    **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 • B18124A1

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### B1812433 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 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 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 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 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 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 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 B1812450

**Explanation:** Failed to shift the data into the target chip via the JTAG device driver.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1812451 B1812451

**Explanation:** Failed to lock the JTAG device driver.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1812452 B1812452

**Explanation:** Failed to close the JTAG device driver.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1812453 B1812453

**Explanation:** Failed to open the JTAG device driver.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18124A0 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 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    B18124A2**

**Explanation:** Received the wrong number of asynchronous input/output control blocks from the AIO device driver.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18124A3    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    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    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    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    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    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    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    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    B18124C1**

**Explanation:** Failed to lock the JTAG device.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18124C2    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    B18124C3**

**Explanation:** Failed to open the JTAG device.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B1812600 • B1812619

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**B1812600**    **B1812600**

**Explanation:** A vital product data (VPD) error occurred.

**Response:** Use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812601**    **B1812601**

**Explanation:** An internal error occurred when processing a request in TMGT

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**B1812602**    **B1812602**

**Explanation:** The sensors could not be read due to thermal monitoring being disabled

---

**B1812603**    **B1812603**

**Explanation:** The processor FRU RID is not present in the TMGT configuration tables

---

**B1812605**    **B1812605**

**Explanation:** The alert level is invalid

---

**B1812606**    **B1812606**

**Explanation:** The domain is invalid

---

**B1812607**    **B1812607**

**Explanation:** The o\_throttlePowerArray is NULL.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812609**    **B1812609**

**Explanation:** Command to POWR via SPIF failed

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**B181260A**    **B181260A**

**Explanation:** Request to CHIC/PRD failed

---

**B181260E**    **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**    **B181260F**

**Explanation:** The processor card's thermal index is invalid, or the function is not supported

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**B1812611**    **B1812611**

**Explanation:** Invalid chip number

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**B1812612**    **B1812612**

**Explanation:** Invalid message size

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**B1812613**    **B1812613**

**Explanation:** GPIO read failure

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**B1812614**    **B1812614**

**Explanation:** Registry read operation failure

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**B1812615**    **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**    **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**    **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**    **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**    **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 B181261A**

**Explanation:** TPMF communications was not established, or an unsupported application was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181261B 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 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 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 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 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 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.

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**B1812621 B1812621**

**Explanation:** chicRelease failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812622 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 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 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 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 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

## B1812627 • B1812633

callouts detailed with the SRC to determine service actions.

---

### B1812627 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 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 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 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 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 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 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 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 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 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 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 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**    **B1812634**

**Explanation:** The frequency change was canceled due to failures to read the registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812635**    **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**    **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**    **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**    **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**    **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**    **B181263A**

**Explanation:** An error occurred when trying to acquire an I2C bus lock.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181263B**    **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.

---

**B181268A**    **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**    **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.

---

**B1812701**    **B1812701**

**Explanation:** An invalid voltage control command was received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812702**    **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 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 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 B18127C0**

**Explanation:** The "power off unit" command failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812801 B1812801**

**Explanation:** An internal error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812802 B1812802**

**Explanation:** A secondary error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812803 B1812803**

**Explanation:** The array depth was not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812804 B1812804**

**Explanation:** Non-terminated input was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812805 B1812805**

**Explanation:** The input was null.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812806 B1812806**

**Explanation:** The input was not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812809 B1812809**

**Explanation:** The instance was not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812A00 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 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 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 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 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 B1812A05**

**Explanation:** This is an informational SRC; no service actions are required. It indicates that a power supply event 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.

---

**B1812A06 B1812A06**

**Explanation:** Failure to hold a hard power cap.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1812A10 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 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 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 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 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 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 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 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 • B1813005

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### B1812A50 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 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 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 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 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.

---

### B1812A90 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 B1812AA0

**Explanation:** A communication failure over the I2C bus to the I/O chip was detected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1812AA1 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 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 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 B1813004

**Explanation:** A failure occurred when writing a registry value.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813005 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**    **B1813006**

**Explanation:** Unable to set a registry variable.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813007**    **B1813007**

**Explanation:** The system firmware installation image is invalid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813008**    **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**    **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**    **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**    **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.

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**B181300D**    **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**    **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**    **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**    **B1813010**

**Explanation:** The system firmware installation image is invalid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813011**    **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**    **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    B1813013**

**Explanation:** A firmware update module did not exist.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813014    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    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    B1813016**

**Explanation:** The system firmware installation image is invalid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813017    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    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    B1813020**

**Explanation:** An attempt was made to installation the system firmware on the flash side with the good image when the other flash side has a bad image. This is prohibited; otherwise, both sides could become corrupted.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813022    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    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    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    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    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 B181302A**

**Explanation:** A firmware installation code module was being modified, when another modify request was received. The request was denied.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181302B 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 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 B1813030**

**Explanation:** An invalid code installation type was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813031 B1813031**

**Explanation:** A data file was sent with the incorrect header format.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813034 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 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 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 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 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 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 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 • B1813097

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**B181303D**    **B181303D**

**Explanation:** The data is not correct.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181303E**    **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**    **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**    **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**    **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**    **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**    **B1813047**

**Explanation:** The code update policy cannot be changed due to an inband update.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

**B181304F**    **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**    **B1813050**

**Explanation:** An unknown signal was received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813061**    **B1813061**

**Explanation:** A system call returned an error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813072**    **B1813072**

**Explanation:** Setting CTX from the registry failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813088**    **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**    **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 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 callouts detailed with the SRC to determine service actions.

---

**B1813099 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 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 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 B181309F**

**Explanation:** Reading a file failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813101 B1813101**

**Explanation:** The operation failed to create a thread.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813104 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 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 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 B1813107**

**Explanation:** Failure to establish communication pipe to the error log server.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813108 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 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 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 • B181311C

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### B181310B 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 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 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 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 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 B1813114

**Explanation:** The operation to collect error logs that were committed prior to the error log server being fully initialized has failed; possible file system problems.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813116 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 B1813117

**Explanation:** Input data was found to be corrupted.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813119 B1813119

**Explanation:** The operation to assign a unique entry ID failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181311A 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 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 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**    **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**    **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**    **B181311F**

**Explanation:** Generic network communication failure.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813120**    **B1813120**

**Explanation:** The error log server detected an unrecognized signal.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813121**    **B1813121**

**Explanation:** The current operation failed due to invalid data.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813122**    **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**    **B1813123**

**Explanation:** Operation to call home has failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813125**    **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**    **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**    **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**    **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**    **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    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    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    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    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    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    B1813130**

**Explanation:** The data synchronization thread on the error logging server was not started.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813131    B1813131**

**Explanation:** The data sync thread was cancelled.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813132    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    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    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    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    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**    **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**    **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**    **B1813205**

**Explanation:** Invalid number of arguments in a command.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813206**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **B181321B**

**Explanation:** Invalid data received for NextPlatformIplSpeedOverride.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B181321C • B181322B

---

### B181321C 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 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 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 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 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 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 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 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 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 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 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 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**    **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**    **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.

---

**B1813302**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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

## B1813322 • B181340D

callouts detailed with the SRC to determine service actions.

---

### B1813322 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 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 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 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 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 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 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.

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### B1813407 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.

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### B1813409 B1813409

**Explanation:** State (current/next pair) 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.

---

### B181340A 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 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 callouts detailed with the SRC to determine service actions.

---

### B181340D B181340D

**Explanation:** Registry data incorrect

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181340E**    **B181340E**

**Explanation:** Registry read failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181340F**    **B181340F**

**Explanation:** Registry write failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813410**    **B1813410**

**Explanation:** Call to service processor initialization routine failed

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813411**    **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**    **B1813413**

**Explanation:** The state manager's state was set to invalid.

---

**B181341A**    **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**    **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.

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**B181341D**    **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**    **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**    **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**    **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**    **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**    **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.

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## B1813426 • B1813446

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**B1813426**    **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**    **B181342A**

**Explanation:** A parameter was out of range.

---

**B181342B**    **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**    **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**    **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**    **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**    **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**    **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**    **B1813440**

**Explanation:** A counter's time stamp was incorrect.

---

**B1813442**    **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**    **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**    **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**    **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**    **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.

---

**B1813450**    **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.

---

**B1813463**    **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**    **B1813502**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813503**    **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**    **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**    **B1813505**

**Explanation:** error returned from exchangeFspIPLType()

**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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**B1813506**    **B1813506**

**Explanation:** error returned from exchangeInfoExgCompleteCmd()

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813507**    **B1813507**

**Explanation:** Error returned state 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.

---

**B1813508**    **B1813508**

**Explanation:** An error was returned when writing the redundancy 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.

---

**B1813509**    **B1813509**

**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.

---

**B181350A**    **B181350A**

**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.

---

**B181350B**    **B181350B**

**Explanation:** Discovery exceeded the retry 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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## B181350C • B1813517

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### B181350C B181350C

**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.

---

### B181350D B181350D

**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.

---

### B181350E B181350E

**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.

---

### B181350F B181350F

**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.

---

### B1813510 B1813510

**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.

---

### B1813511 B1813511

**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.

---

### B1813512 B1813512

**Explanation:** error returned from exchangePreviousMaster()

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

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### B1813513 B1813513

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813514 B1813514

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813515 B1813515

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813516 B1813516

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813517 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**    **B1813518**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813519**    **B1813519**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181351A**    **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**    **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**    **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**    **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.

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**B181351E**    **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**    **B181351F**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813520**    **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.

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**B1813521**    **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**    **B1813522**

**Explanation:** Error returned from goodPathRelationDetermination()

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813523**    **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.

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## B1813524 • B181352F

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### B1813524 B1813524

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813525 B1813525

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813526 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 B1813527

**Explanation:** The response from the secondary service processor contains no data.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813528 B1813528

**Explanation:** Error returned from setAddressObj()

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813529 B1813529

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181352A B181352A

**Explanation:** Error returned from setSiblingState()

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181352B B181352B

**Explanation:** Error returned from an information exchange function

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181352C 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 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 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 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.

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**B1813530**    **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**    **B1813531**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813532**    **B1813532**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813533**    **B1813533**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813534**    **B1813534**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813535**    **B1813535**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813536**    **B1813536**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813537**    **B1813537**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813538**    **B1813538**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813539**    **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**    **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**    **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    B181353C**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181353D    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    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    B181353F**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813540    B1813540**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813541    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    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    B1813543**

**Explanation:** There was an error returned from a utility when getting data.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813544    B1813544**

**Explanation:** An error occurred when reading data.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813545    B1813545**

**Explanation:** Undefined position data was read.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813546    B1813546**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813548    B1813548**

**Explanation:** A call was made to set the error number.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813549    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 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 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 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 B181354D**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181354F B181354F**

**Explanation:** Timed out waiting for GPIO device to appear

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813550 B1813550**

**Explanation:** An artificially injected error used for debugging

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813551 B1813551**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813552 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 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 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 B1813555**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813556 B1813556**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B1813557 • B1813563

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**B1813557**    **B1813557**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813558**    **B1813558**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813559**    **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**    **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**    **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**    **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**    **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**    **B181355F**

**Explanation:** There was an error in opening the sys entry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813560**    **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**    **B1813561**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813562**    **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**    **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**    **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**    **B1813565**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813566**    **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**    **B1813567**

**Explanation:** A n error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813568**    **B1813568**

**Explanation:** setsockopt system call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813569**    **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**    **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**    **B1813571**

**Explanation:** The rdal\_jtag\_shift\_data interface for JTAG returned an error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813572**    **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**    **B1813573**

**Explanation:** The rdal\_gpio\_open interface returned an error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813574**    **B1813574**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813575**    **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.

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## B1813576 • B1813581

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### B1813576 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 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 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 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 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 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 B181357C

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181357D B181357D

**Explanation:** An error was returned from an interface to the sibling service processor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181357E 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 B181357F

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813580 B1813580

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813581 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.

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**B1813582**    **B1813582**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813583**    **B1813583**

**Explanation:** An error occurred when trying to read the sibling service processor's scratch pad register.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813584**    **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**    **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**    **B1813586**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813587**    **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**    **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**    **B1813589**

**Explanation:** Data of incorrect length was read from the VSRC block.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181358A**    **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**    **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**    **B181358C**

**Explanation:** An error was returned from a write command.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181358D**    **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.

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## B181358E • B181359A

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### B181358E B181358E

**Explanation:** An error was returned from a write command.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181358F B181358F

**Explanation:** There was an error when checking the I/O multiplexer state.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813590 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 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 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 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 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 B1813596

**Explanation:** The position file contained undefined data.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813597 B1813597

**Explanation:** An error was returned from utilreg::write.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813598 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 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 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.

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**B181359B**    **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**    **B181359C**

**Explanation:** An error was returned from ReadScratchPadReg().

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181359D**    **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**    **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**    **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**    **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.

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**B18135A1**    **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**    **B18135A2**

**Explanation:** An error was returned from rdal\_fsi\_ffdc\_extract().

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18135A3**    **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**    **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**    **B18135A5**

**Explanation:** An error was returned from sendRcv().

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18135A6**    **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.

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## B18135A7 • B18135B2

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### B18135A7 B18135A7

**Explanation:** An error was returned from getCmdResponse().

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18135A8 B18135A8

**Explanation:** An error was returned from readNvramMTMS().

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18135A9 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 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 B18135AB

**Explanation:** An error was returned from ReadVSRCHandle().

**Response:** If this 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 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 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 B18135AE

**Explanation:** An error was returned from goodPathRelationDetermination().

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18135AF 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 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 B18135B1

**Explanation:** An error was returned becomeSlave().

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18135B2 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**    **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**    **B18135B4**

**Explanation:** An undefined command was received from the sibling service processor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18135B5**    **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**    **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**    **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**    **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.

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**B18135B9**    **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**    **B18135BA**

**Explanation:** An error was returned from dscvReadFspState().

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18135BB**    **B18135BB**

**Explanation:** An error was returned from PrimarySideCheck().

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18135BC**    **B18135BC**

**Explanation:** An error was returned from iplp when attempting to switch sides.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18135BD**    **B18135BD**

**Explanation:** An error was returned from SecondarySideCheck().

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18135BE**    **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.

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## B18135BF • B1813616

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### B18135BF 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 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 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 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 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 B1813603

**Explanation:** A function failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813608 B1813608

**Explanation:** A host ADAL or registry failure occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181360C B181360C

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181360E B181360E

**Explanation:** An event detection failure occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813613 B1813613

**Explanation:** A firmware failure caused a signal to be received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813614 B1813614

**Explanation:** The event loop exited.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813615 B1813615

**Explanation:** A call to chdir failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813616 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**    **B1813801**

**Explanation:** Failed to open a multiplexer configuration file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813802**    **B1813802**

**Explanation:** An ERC file read failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813803**    **B1813803**

**Explanation:** A FRU manager (FRUM) even failure occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813805**    **B1813805**

**Explanation:** Failed to fork the process.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813807**    **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**    **B1813808**

**Explanation:** Failed to read the path from the registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813809**    **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**    **B181380A**

**Explanation:** Failed to read the service processor's role from the registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181380B**    **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**    **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**    **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**    **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**    **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 • B181381C

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### B1813810 B1813810

**Explanation:** Failed to synchronize with the field replaceable unit (FRU) manager server.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813811 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 B1813812

**Explanation:** Failed to receive a network message.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813813 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 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 B1813815

**Explanation:** Failed to create the network client address object.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813816 B1813816

**Explanation:** Failed to create the network server address object.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

### B1813817 B1813817

**Explanation:** Failed to find the network address server.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813818 B1813818

**Explanation:** Failed to listen on the network server address.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813819 B1813819

**Explanation:** Failed to listen for a network server connection.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181381A 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 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 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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **B1813824**

**Explanation:** The message that was received does not contain data about a device from the caller list.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813825**    **B1813825**

**Explanation:** The ACTION environment variable was missing.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813826**    **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**    **B1813827**

**Explanation:** The DEVPATH environment variable was missing.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813828**    **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 • B1813839

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**B1813829**    **B1813829**

**Explanation:** The LINK environment variable was missing.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181382D**    **B181382D**

**Explanation:** A subsystem type argument was missing.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181382E**    **B181382E**

**Explanation:** Failed to create an event manager object.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181382F**    **B181382F**

**Explanation:** Failed to look for events from the list.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813830**    **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**    **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**    **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**    **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**    **B1813835**

**Explanation:** Failed to get a device list to validate.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813836**    **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**    **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**    **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**    **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.



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**B181383B**    **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**    **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**    **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**    **B181383F**

**Explanation:** Failed to guard out the secondary service processor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813840**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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 • B1813876

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### B1813864 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 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 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 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 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 B1813869

**Explanation:** Failed to read from a multiplexer.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181386A 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 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 B1813871

**Explanation:** Failed to unlock the failure data for a device driver.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813872 B1813872

**Explanation:** Failed to open a device driver.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813873 B1813873

**Explanation:** Failed to close a device driver.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813874 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 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**    **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**    **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**    **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**    **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**    **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**    **B1813881**

**Explanation:** Failed to unlock the failure data for a device driver.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813882**    **B1813882**

**Explanation:** Failed to open a device driver.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813883**    **B1813883**

**Explanation:** Failed to close a device driver.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813884**    **B1813884**

**Explanation:** Failed to set the mode.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813885**    **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**    **B1813886**

**Explanation:** Failed to set the blink rate.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813891**    **B1813891**

**Explanation:** Configuration file size is not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813892**    **B1813892**

**Explanation:** Configuration file key is not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B18138A0 • B18138B7

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### B18138A0 B18138A0

**Explanation:** Failure detected in a communication link.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18138A1 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 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 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 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 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 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 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 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 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 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 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.

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**B18138B8 B18138B8**

**Explanation:** ERC deferred setcc; no primary service processor was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18138B9 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 B18138BA**

**Explanation:** ERC deferred setcc; node devices are missing.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18138BB 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 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 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.

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---

**B18138C2 B18138C2**

**Explanation:** An ERC RDAL SCAN failed to set the pulse length.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18138C3 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 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 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 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 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.

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### B18138C9 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 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 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 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 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 B18138CE

**Explanation:** An ERC RDAL SCAN failed to extract the FFDC (first failure data capture) information.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18138CF B18138CF

**Explanation:** An ERC RDAL SCAN failed to unlock the FFDC (first failure data capture) information.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

### B18138D0 B18138D0

**Explanation:** A netlink socket connection operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18138D1 B18138D1

**Explanation:** A netlink socket send operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18138D2 B18138D2

**Explanation:** A netlink socket send operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18138D3 B18138D3

**Explanation:** A netlink socket receive operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18138D4 B18138D4

**Explanation:** A netlink socket receive operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18138D5 B18138D5

**Explanation:** A netlink socket receive operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18138D6**    **B18138D6**

**Explanation:** A netlink socket receive operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18138D7**    **B18138D7**

**Explanation:** A netlink socket receive operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18138D8**    **B18138D8**

**Explanation:** A netlink socket receive operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18138D9**    **B18138D9**

**Explanation:** A netlink socket receive operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18138DA**    **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.

---

**B1813901**    **B1813901**

**Explanation:** Informational message: an invalid request was sent 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 callouts detailed with the SRC to determine service actions.

---

**B1813906**    **B1813906**

**Explanation:** An error occurred when getting the IP address from node controller surveillance.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

**B1813909**    **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**    **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**    **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**    **B181390F**

**Explanation:** Unable to make node controller B primary because only node controller A is under surveillance.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813911**    **B1813911**

**Explanation:** Unable to make node controller A primary because only node controller B is under surveillance.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813914**    **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

## B1813917 • B181392A

are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813917 B1813917

**Explanation:** An error occurred when reading a register.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813918 B1813918

**Explanation:** There was an error due to the loss of surveillance when activating a node controller.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813919 B1813919

**Explanation:** A failover was made due to node correlation.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813920 B1813920

**Explanation:** Node controller correlation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813921 B1813921

**Explanation:** Node controller correlation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813923 B1813923

**Explanation:** An invalid parameter was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813924 B1813924

**Explanation:** Unable to make node controller B primary because only node controller A is under surveillance.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1813925 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 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 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 B1813928

**Explanation:** An error occurred when trying to broadcast an event after a new node controller was discovered by the system controller.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181392A 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    B181392B**

**Explanation:** First failure data collection (FFDC) was done on BPH side A.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181392C    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    B181392D**

**Explanation:** The system controller lost communication with a node controller for an extended period of time.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181392E    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    B181392F**

**Explanation:** A node is present that is not under surveillance.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813930    B1813930**

**Explanation:** There are two secondary node controllers.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813931    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    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    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    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    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    B1813939**

**Explanation:** The controller selected was not the primary.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181393B    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    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    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    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    B181393F**

**Explanation:** Informational message: A reboot of a node controller was requested by an external component.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1813940    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    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    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    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    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    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    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    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    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    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    B181394B**

**Explanation:** The system controller received bad data back after sending a reboot command to a node controller.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181394C    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    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    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    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    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    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    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

## B1813954 • B181395F

callouts detailed with the SRC to determine service actions.

---

### B1813954 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 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 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 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 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 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 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 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 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 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 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 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**    **B1814001**

**Explanation:** An unknown request was received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814006**    **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**    **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**    **B1814010**

**Explanation:** An error occurred when opening the error log file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814011**    **B1814011**

**Explanation:** An error was received from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814012**    **B1814012**

**Explanation:** The 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**    **B1814013**

**Explanation:** The was a node controller surveillance failure.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814015**    **B1814015**

**Explanation:** An error was received from the remove function.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814016**    **B1814016**

**Explanation:** The requested trace buffer was not found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814019**    **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**    **B181401A**

**Explanation:** An error occurred when the node controller was trying to read its own role registry value. Refer to the primary SRC for additional detail.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181401B**    **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

## B181401C • B1814025

callouts detailed with the SRC to determine service actions.

---

### B181401C 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 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 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 B181401F

**Explanation:** An error occurred when the node controller was trying to read its own node driver\_name registry value. Refer to the primary SRC for additional detail.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1814020 B1814020

**Explanation:** An error occurred when the node controller was trying to read its own eth0-ip-address registry value. Refer to the primary SRC for additional detail.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1814021 B1814021

**Explanation:** An error occurred when the node controller was trying to read its own eth1-ip-address registry value. Refer to the primary SRC for additional detail.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1814022 B1814022

**Explanation:** An error occurred when the node controller was trying to read its own eth1-ip-address registry value. Refer to the primary SRC for additional detail.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1814023 B1814023

**Explanation:** An error occurred when the node controller was trying to read its own node controller-ID-address registry value. Refer to the primary SRC for additional detail.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1814024 B1814024

**Explanation:** An error occurred when the node controller was trying to read its own node controller-DD-address registry value. Refer to the primary SRC for additional detail.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1814025 B1814025

**Explanation:** An error occurred when calling the p-open function.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814026 B1814026**

**Explanation:** An error occurred when setting the PRA word to zero.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814027 B1814027**

**Explanation:** An error occurred when reading the PRA word.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814028 B1814028**

**Explanation:** An error occurred when the node controller was trying to read its own role registry value. Refer to the primary SRC for additional detail.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814029 B1814029**

**Explanation:** A perc signal was received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181402A B181402A**

**Explanation:** An error occurred when calling a system function.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181402D 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 B1814033**

**Explanation:** A panic request was received from the system controller.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181410A 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 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 B181410C**

**Explanation:** The connection timed out.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181410D B181410D**

**Explanation:** The connection timed out.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181410F B181410F**

**Explanation:** Failed to write data to a socket.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814110 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

## B1814114 • B1814131

callouts detailed with the SRC to determine service actions.

---

### B1814114 B1814114

**Explanation:** A call back failure occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1814115 B1814115

**Explanation:** The incoming message has no callback correlator.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1814116 B1814116

**Explanation:** There is FFDC data from the building block.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1814117 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 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 B1814120

**Explanation:** Invalid AIO parameters were passed to `rdal_aio_ctx_submit`.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1814121 B1814121

**Explanation:** Unable to find the proxy control block.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1814122 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 B1814123

**Explanation:** The context cannot be cleaned up after the submission fails.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1814129 B1814129

**Explanation:** The dispatcher shutdown timed out.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1814130 B1814130

**Explanation:** Writing the message to the channel failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1814131 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**    **B1814132**

**Explanation:** Reading the message from the channel failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814133**    **B1814133**

**Explanation:** Reading the message from the channel failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814134**    **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**    **B1814201**

**Explanation:** RDAL reported a GPIO close failure.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814202**    **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**    **B1814203**

**Explanation:** An error occurred, but FFDC could not be extracted

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814204**    **B1814204**

**Explanation:** FFDC data was extracted, but the unlock failed

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814205**    **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**    **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**    **B1814301**

**Explanation:** An error was detected while setting the DD level of the service processor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1814407**    **B1814407**

**Explanation:** Unable to initialize the address structure.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181440A**    **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 • B181720B

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### B181440B B181440B

**Explanation:** There was a hard socket failure disconnection.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181440C B181440C

**Explanation:** The connection timed out.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181440D B181440D

**Explanation:** The connection is closed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181440F 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.

---

### B1817200 B1817200

**Explanation:** Invalid boot request

**Response:** Perform FSPSP02 .

---

### B1817201 B1817201

**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.

**Response:** This is an informational message; no action is required.

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### B1817202 B1817202

**Explanation:** The permanent and temporary firmware sides are both marked invalid

**Response:** Perform FSPSP02 .

---

### B1817203 B1817203

**Explanation:** Error setting boot parameters

**Response:** Perform FSPSP02 .

---

### B1817204 B1817204

**Explanation:** Error reading boot parameters

**Response:** Perform FSPSP02 .

---

### B1817205 B1817205

**Explanation:** Boot code error

**Response:** Perform FSPSP02 .

---

### B1817206 B1817206

**Explanation:** Unit check timer was reset

**Response:** Perform FSPSP02 .

---

### B1817207 B1817207

**Explanation:** Error reading from NVRAM

**Response:** Perform FSPSP02 .

---

### B1817208 B1817208

**Explanation:** Error writing to NVRAM

**Response:** Perform FSPSP02 .

---

### B1817209 B1817209

**Explanation:** The service processor boot watchdog timer expired and forced the service processor to attempt a boot from the other firmware image in the service processor flash memory

**Response:** Perform FSPSP02 .

---

### B181720A B181720A

**Explanation:** Power-off reset occurred. FipsDump should be analyzed: Possible software problem

**Response:** Perform FSPSP02 .

---

### B181720B B181720B

**Explanation:** Link 0 is not plugged.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181720C**    **B181720C**

**Explanation:** No space is left on P1.

**Response:** Perform FSPSP02 .

---

**B181720D**    **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**    **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**    **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.

---

**B1818104**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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.

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## B181810F • B1818215

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### B181810F 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 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 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 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.

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### B1818116 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.

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### B1818117 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.

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### B1818118 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.

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### B1818204 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 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 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 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 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 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**    **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**    **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**    **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**    **B1818219**

**Explanation:** SRCI received a signal it does not understand.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818301**    **B1818301**

**Explanation:** CTRM is already in the termination state.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818302**    **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**    **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**    **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**    **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**    **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**    **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**    **B181830A**

**Explanation:** An unexpected signal was received.

**Response:** If this is a tracking event, no service actions are

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## B181830B • B181831C

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### B181830B 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 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 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 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 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 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 B1818313

**Explanation:** An error was encountered when connecting to the communications server.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818316 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 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 B1818318

**Explanation:** Error updating registry entry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818319 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 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 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    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    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    B1818320**

**Explanation:** CTRM server error binding to socket.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818321    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    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 callouts detailed with the SRC to determine service actions.

---

**B1818323    B1818323**

**Explanation:** An unknown 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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**B1818328    B1818328**

**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.

---

**B1818329    B1818329**

**Explanation:** Invalid errlog 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.

---

**B181832A    B181832A**

**Explanation:** Invalid client request 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.

---

**B181832C    B181832C**

**Explanation:** An event manager 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.

---

**B181832F    B181832F**

**Explanation:** Unable to bind socket.

**Response:** If this is a tracking event, no service actions are

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**B1818330    B1818330**

**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.

---

**B1818331    B1818331**

**Explanation:** CTRM failed to create a termination 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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### B1818332 B1818332

**Explanation:** The firmware cannot cancel the transition 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.

---

### B1818333 B1818333

**Explanation:** An invalid attempt was made to reset the CTRM server while processing 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.

---

### B1818334 B1818334

**Explanation:** There was an error when reading the 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.

---

### B1818335 B1818335

**Explanation:** There was a 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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### B1818336 B1818336

**Explanation:** Unknown 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.

---

### B1818337 B1818337

**Explanation:** CTRM has already terminated with forced 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.

---

### B1818338 B1818338

**Explanation:** CTRM is already processing a "terminate with failover" 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.

---

### B1818339 B1818339

**Explanation:** Failed to display 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.

---

### B181833A B181833A

**Explanation:** The termination failed, which left the firmware in 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.

---

### B181833B 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 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 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.

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**B181833F**    **B181833F**

**Explanation:** guardCheckFailoverCapable() returned an error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818341**    **B1818341**

**Explanation:** Invalid error log object.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818343**    **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**    **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**    **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**    **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**    **B1818347**

**Explanation:** Synchronization with CTRM server failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181834A**    **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**    **B181834B**

**Explanation:** Termination failed without failover.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181834F**    **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**    **B1818360**

**Explanation:** rmgrNotifySibling ( ) FAILED

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818361**    **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**    **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

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callouts detailed with the SRC to determine service actions.

---

### B1818401 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 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 B1818403

**Explanation:** There was an error in the bind operation for UNIX $\Delta\Delta$ .

**Response:** If this 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 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 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 B1818406

**Explanation:** An error occurred when opening a vtty session.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818407 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 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 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 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 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 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**    **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**    **B181840F**

**Explanation:** An error occurred in the inbound connection.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818410**    **B1818410**

**Explanation:** An error occurred when receiving outbound messages.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818411**    **B1818411**

**Explanation:** An error occurred when calling a routine.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818412**    **B1818412**

**Explanation:** There was an error in "receive message".

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818414**    **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**    **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**    **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**    **B1818418**

**Explanation:** An error occurred in the address creation.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818419**    **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**    **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**    **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.

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## B181841E • B1818429

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**B181841E**    **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**    **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**    **B1818420**

**Explanation:** There was an error when closing the vtty.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818421**    **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**    **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**    **B1818423**

**Explanation:** An error occurred when writing the system name.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818424**    **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**    **B1818425**

**Explanation:** A failure occurred when setting the user password.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818426**    **B1818426**

**Explanation:** A failure occurred when validating the password.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818427**    **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**    **B1818428**

**Explanation:** An error occurred when killing a thread.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818429**    **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.

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**B181842A**    **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**    **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**    **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**    **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**    **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.

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**B181842F**    **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.

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**B1818430**    **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**    **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**    **B1818432**

**Explanation:** An error occurred when opening the port for connection.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818433**    **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**    **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**    **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.

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## B1818436 • B1818441

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### B1818436 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 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 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 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 B181843A

**Explanation:** An internal error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181843B B181843B

**Explanation:** An internal error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181843C 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 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 B181843E

**Explanation:** A failure occurred when reading the system serial number.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181843F B181843F

**Explanation:** An error occurred when reading the machine brand.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818440 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 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**    **B1818442**

**Explanation:** An error occurred in the stat file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818443**    **B1818443**

**Explanation:** An invalid error path was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818444**    **B1818444**

**Explanation:** An error occurred when writing the manufacturing password signature.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818445**    **B1818445**

**Explanation:** An invalid socket descriptor was selected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818446**    **B1818446**

**Explanation:** The signal length exceeded the limit.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818447**    **B1818447**

**Explanation:** Error statistics are available.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818448**    **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.

---

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**B1818449**    **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**    **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**    **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**    **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**    **B181844D**

**Explanation:** An invalid error path was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181844E**    **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 • B181845E

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**B181844F**    **B181844F**

**Explanation:** An error was found in a certificate.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818450**    **B1818450**

**Explanation:** An internal error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818451**    **B1818451**

**Explanation:** An internal error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818452**    **B1818452**

**Explanation:** An internal error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818453**    **B1818453**

**Explanation:** An internal error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818454**    **B1818454**

**Explanation:** The wrong password was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818456**    **B1818456**

**Explanation:** An internal error occurred. .

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818457**    **B1818457**

**Explanation:** An internal error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818458**    **B1818458**

**Explanation:** An internal error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181845A**    **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**    **B181845B**

**Explanation:** An error occurred with a daemon.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181845C**    **B181845C**

**Explanation:** There was an error when enabling a login.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181845D**    **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**    **B181845E**

**Explanation:** There was an error in PERC.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.



---

**B181845F**    **B181845F**

**Explanation:** There was an error when reading the registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818460**    **B1818460**

**Explanation:** An invalid error path was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818461**    **B1818461**

**Explanation:** There was an error when reading the registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818462**    **B1818462**

**Explanation:** There was an error when starting the vty 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**    **B1818463**

**Explanation:** There was an error in obtaining a file descriptor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818464**    **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**    **B1818465**

**Explanation:** There was an error when validating the password.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818466**    **B1818466**

**Explanation:** There was an error when writing the manufacturing password.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818467**    **B1818467**

**Explanation:** An error occurred when setting the user password.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818468**    **B1818468**

**Explanation:** An error occurred when creating a key.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818469**    **B1818469**

**Explanation:** There was an error when reading the registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181846A**    **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 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 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 B1818472**

**Explanation:** There was an error in SSL\_CTX\_new.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818473 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 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 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 B1818477**

**Explanation:** There was an error in readCertKeyPair.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818478 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 B181847C**

**Explanation:** An error occurred in setsockopt.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181847D 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 callouts detailed with the SRC to determine service actions.

---

**B181847E B181847E**

**Explanation:** A failover was detected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181847F B181847F**

**Explanation:** An invalid tool was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818482 B1818482**

**Explanation:** The process to open a file failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818483**    **B1818483**

**Explanation:** The IP query failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818486**    **B1818486**

**Explanation:** There was an error in eraseCertKeyPair.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818487**    **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.

---

**B181848A**    **B181848A**

**Explanation:** A failure in the acceptance portion of the TCP/IP-type connection.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181848C**    **B181848C**

**Explanation:** The TCPIP socket listen failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181848D**    **B181848D**

**Explanation:** The Unix socket accept operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181848E**    **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**    **B1818496**

**Explanation:** There was an error when setting the user password.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181849B**    **B181849B**

**Explanation:** An IP query for the HMC failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818501**    **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**    **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**    **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**    **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.

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## B1818505 • B1818515

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### B1818505 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 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 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 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 B181850A

**Explanation:** An unexpected signal has been received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181850F 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 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 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 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 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 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 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.

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**B1818516**    **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**    **B1818517**

**Explanation:** Internal firmware error: a bad parameter was passed into the EvenMgt constructor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818518**    **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**    **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**    **B1818601**

**Explanation:** An application has received an unexpected signal.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181860F**    **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**    **B1818610**

**Explanation:** A process is calling a procedure more than once.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818611**    **B1818611**

**Explanation:** An application has received an unexpected signal.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818612**    **B1818612**

**Explanation:** There was an error processing the stack trace.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818613**    **B1818613**

**Explanation:** There was an error processing the stack trace.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181871F**    **B181871F**

**Explanation:** Invalid data received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181877F**    **B181877F**

**Explanation:** An error occurred when the networking firmware set the idle options.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B1818780 • B181878E

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### B1818780 B1818780

**Explanation:** An error occurred when reading the registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818782 B1818782

**Explanation:** An error occurred when creating a file handle.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818783 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 B1818785

**Explanation:** An error occurred when binding a socket.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818786 B1818786

**Explanation:** There was an error in "socket listen".

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818787 B1818787

**Explanation:** A failure occurred when writing a session entry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818788 B1818788

**Explanation:** There was an error in the client name.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181878A B181878A

**Explanation:** The maximum number of sessions is already active.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181878B B181878B

**Explanation:** An invalid offset entry was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181878C B181878C

**Explanation:** There was an error when reading the registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181878D 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 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**    **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**    **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**    **B1818792**

**Explanation:** There was an error in "session entry read".

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818793**    **B1818793**

**Explanation:** There was an error in "session entry read".

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818794**    **B1818794**

**Explanation:** An invalid entry number was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818795**    **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**    **B1818796**

**Explanation:** There was an error when updating a session entry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818797**    **B1818797**

**Explanation:** An invalid PID was found in a session entry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181879A**    **B181879A**

**Explanation:** An error when creating a socket.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181879B**    **B181879B**

**Explanation:** Failed to create a socket.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181879C**    **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**    **B181879D**

**Explanation:** An error occurred in a message constructor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

## B181879E • B18187AE

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### B181879E 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 B181879F

**Explanation:** Allocation of memory for a message failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187A0 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 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 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 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 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 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 B18187A7

**Explanation:** There was an error in a UNIX connection.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187A8 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 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 B18187AD

**Explanation:** There was an error when closing a socket.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187AE 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.



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**B18187AF 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 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 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 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 B18187B3**

**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.

---

**B18187B4 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 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 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 B18187B7**

**Explanation:** An error occurred when trying to make a connection.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187B8 B18187B8**

**Explanation:** There was a secure read failure.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187B9 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 B18187BA**

**Explanation:** An error occurred when sending a disconnection message.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187BB B18187BB**

**Explanation:** An error occurred when sending a serial connection message.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187BC 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 B18187BD**

**Explanation:** An error occurred when opening a port number.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187BF 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 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 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 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 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 B18187C4**

**Explanation:** The universal asynchronous receiver/transmitter (UART) device abstraction layer (ADAL) configuration failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187C5 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 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 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 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 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 B18187CA**

**Explanation:** There was a time-out on the secure receive.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187CB B18187CB**

**Explanation:** A secure receive error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187CC B18187CC**

**Explanation:** A polling error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187CD B18187CD**

**Explanation:** Poll events occurred on the secure receive.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187CE 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 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 B18187D0**

**Explanation:** An error occurred when reading a registry value.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187D1 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 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 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 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 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

## B18187D6 • B18187E2

callouts detailed with the SRC to determine service actions.

---

### B18187D6 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 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 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 B18187D9

**Explanation:** There was a time-out on the secure receive.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187DA B18187DA

**Explanation:** An error occurred when receiving.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187DB B18187DB

**Explanation:** An error was returned from a system call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187DC B18187DC

**Explanation:** A time-out occurred while waiting for data.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187DD B18187DD

**Explanation:** There was an error in SSL receive.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187DE B18187DE

**Explanation:** There was an error in secure receive.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187DF B18187DF

**Explanation:** An error was returned by the poll command.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187E0 B18187E0

**Explanation:** An error occurred in a message processing function.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187E1 B18187E1

**Explanation:** There was an error in SSL write.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187E2 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 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 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 B18187E5**

**Explanation:** A read certificate and key error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187E6 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 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 B18187E8**

**Explanation:** An error occurred when trying to close a TCP/IP connection.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187E9 B18187E9**

**Explanation:** An SSL handshake failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187EA B18187EA**

**Explanation:** These was an error in a write operation.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187EB B18187EB**

**Explanation:** There was an error in TCP/IP select.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187EC B18187EC**

**Explanation:** A timeout occurred in "select" while waiting for data.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187ED B18187ED**

**Explanation:** An error occurred in "received message".

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187EE B18187EE**

**Explanation:** An error occurred when getting the header.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187EF 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

## B18187F0 • B18187FC

callouts detailed with the SRC to determine service actions.

---

### B18187F0 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 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 B18187F2

**Explanation:** A semaphore error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187F3 B18187F3

**Explanation:** An SSL shutdown failure occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187F4 B18187F4

**Explanation:** A set up error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187F5 B18187F5

**Explanation:** Generating a key failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187F6 B18187F6

**Explanation:** An error occurred in when closing a connection.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

### B18187F7 B18187F7

**Explanation:** An error occurred when reading a registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187F8 B18187F8

**Explanation:** An error occurred in a sibling connection.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B18187F9 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 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 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 B18187FC

**Explanation:** Bad data was sent in through a constructor .

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187FD 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 B18187FE**

**Explanation:** An error occurred in setting a socket option.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B18187FF 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 B1818801**

**Explanation:** Failed to get access to shared memory.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818802 B1818802**

**Explanation:** Failed to attach to shared memory area.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818803 B1818803**

**Explanation:** An invalid pointer was passed into a function.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818804 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.

---

**B1818805 B1818805**

**Explanation:** Failed to read a registry value.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818806 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 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 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 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 • B1818815

---

### B181880A B181880A

**Explanation:** Failed to write to the registry which serves as a flag to indicate a service routine is running.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181880B 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 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 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 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 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 B1818810

**Explanation:** No threads are functional on the requested processor core.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818811 B1818811

**Explanation:** A dependent process was not running.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818812 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 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 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 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**    **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**    **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**    **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**    **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**    **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**    **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**    **B181881C**

**Explanation:** Failed to get the processor control area from the host data area.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181881D**    **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**    **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**    **B181881F**

**Explanation:** Failed to erase a synchronization file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818820**    **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**    **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.

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**B1818822    B1818822**

**Explanation:** Failed to write the service routine address into a general purpose register.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818824    B1818824**

**Explanation:** Failed to set up the special purpose registers.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818825    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    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    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    B1818828**

**Explanation:** Failed to save a register value during the setup to run a service routine.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181882A    B181882A**

**Explanation:** Failed to write the reset vector.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181882B    B181882B**

**Explanation:** Failed to get the thread status.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181882C    B181882C**

**Explanation:** Failed to write the reset vector.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181882D    B181882D**

**Explanation:** The service routine address was not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818830    B1818830**

**Explanation:** Failed to write to memory during the setup to run a service routine.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818831    B1818831**

**Explanation:** Failed to release a reserved ID.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818832    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    B1818833**

**Explanation:** An invalid service routine address was detected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818834    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    B1818901**

**Explanation:** An error occurred when the service processor synchronization (SINK) interface tried to read firmware data.

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**B1818902    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    B1818903**

**Explanation:** The service processor synchronization (SINK) interface timed out waiting for a firmware component to establish a synchronization lock.

---

**B1818904    B1818904**

**Explanation:** An invalid synchronization lock was passed to the service processor synchronization (SINK) interface.

---

**B1818905    B1818905**

**Explanation:** An invalid synchronization lock file was passed to the service processor synchronization (SINK) interface.

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**B1818906    B1818906**

**Explanation:** A firmware component failed to create a synchronization lock.

---

**B1818907    B1818907**

**Explanation:** The service processor synchronization (SINK) interface detected that another firmware server is currently running.

---

**B1818908    B1818908**

**Explanation:** An error occurred when the service processor synchronization (SINK) interface tried to delete a synchronization lock.

---

**B181890A    B181890A**

**Explanation:** An internal error occurred in the service processor synchronization (SINK) interface.

---

**B181890B    B181890B**

**Explanation:** An error occurred when the service processor synchronization (SINK) interface tried to read firmware data.

---

**B181890C    B181890C**

**Explanation:** An invalid file was passed to the service processor synchronization (SINK) interface.

---

**B181890D    B181890D**

**Explanation:** An error occurred when the service processor synchronization (SINK) interface tried to build a directory path.

---

**B181890E    B181890E**

**Explanation:** An invalid file was passed to the service processor synchronization (SINK) interface.

---

**B181890F    B181890F**

**Explanation:** A firmware component passed an invalid file to the service processor synchronization (SINK) interface.

---

**B1818910    B1818910**

**Explanation:** An invalid parameter was passed to the service processor synchronization (SINK) interface.

---

**B1818911    B1818911**

**Explanation:** The service processor synchronization (SINK) interface was not able to synchronize with a specific firmware component.

## B1818912 • B1818A09

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### B1818912 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 B1818913

**Explanation:** An invalid file was passed to the service processor synchronization (SINK) interface.

---

### B1818914 B1818914

**Explanation:** Invalid arguments were passed to the service processor synchronization (SINK) interface.

---

### B1818915 B1818915

**Explanation:** The maximum number of files that are allowed to be created and open using process synchronization was exceeded.

---

### B1818916 B1818916

**Explanation:** An invalid parameter was passed to the service processor synchronization (SINK) interface.

---

### B1818917 B1818917

**Explanation:** The service processor synchronization (SINK) interface timed out waiting for the power interface to stabilize.

---

### B1818918 B1818918

**Explanation:** The service processor synchronization (SINK) interface detected a synchronization error between two firmware components.

---

### B181894E 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 B1818A02

**Explanation:** The calling component requested an invalid key.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818A03 B1818A03

**Explanation:** The calling component did not provide a buffer large enough for reading the data.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818A04 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 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 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 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 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 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 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 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 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 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 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 B1818A12**

**Explanation:** An operation failed due to end-of-file being reached on the current stream.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818A13 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 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 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 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 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 • B1818A32

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### B1818A19 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 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 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 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 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 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 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 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 B1818A21

**Explanation:** The operation failed while reading the file stream.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818A2C 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 B1818A2D

**Explanation:** Unable to set bits in a register.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818A32 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.

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**B1818B10**    **B1818B10**

**Explanation:** Unable to configure the virtual local area network (VLAN) adapter.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B11**    **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**    **B1818B12**

**Explanation:** An error occurred when reading the valid bits.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B13**    **B1818B13**

**Explanation:** An error occurred when setting the interface.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B14**    **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**    **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.

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---

**B1818B16**    **B1818B16**

**Explanation:** A problem occurred when resolving the name of a domain name server.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B17**    **B1818B17**

**Explanation:** Unable to write to the flash memory.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B18**    **B1818B18**

**Explanation:** Unable to write to a file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B19**    **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**    **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**    **B1818B1C**

**Explanation:** A n 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**    **B1818B1D**

**Explanation:** A n error occurred when writing a variable.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

## B1818B1E • B1818B32

callouts detailed with the SRC to determine service actions.

---

### B1818B1E 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 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 B1818B20

**Explanation:** Unable to set the hostname.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818B21 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 B1818B22

**Explanation:** An error occurred when writing the gateway address.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818B23 B1818B23

**Explanation:** An error occurred when writing the gateway address.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818B24 B1818B24

**Explanation:** An invalid network configuration was specified.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818B25 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 B1818B26

**Explanation:** Unable to configure the adapter.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818B2B B1818B2B

**Explanation:** An invalid user error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1818B31 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 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.

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**B1818B34**    **B1818B34**

**Explanation:** Unable to set the hostname.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B35**    **B1818B35**

**Explanation:** A virtual LAN was removed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B36**    **B1818B36**

**Explanation:** A virtual LAN was added.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B39**    **B1818B39**

**Explanation:** A configuration file was opened.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B3A**    **B1818B3A**

**Explanation:** A socket was opened.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B3B**    **B1818B3B**

**Explanation:** Unable to open the device.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B40**    **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**    **B1818B41**

**Explanation:** An ARP socket binding failure occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B42**    **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**    **B1818B43**

**Explanation:** An ARP get IP address operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B45**    **B1818B45**

**Explanation:** Failed to correctly route mailbox traffic.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B46**    **B1818B46**

**Explanation:** Failed to route mailbox traffic.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B47**    **B1818B47**

**Explanation:** An DHCP failure occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B48**    **B1818B48**

**Explanation:** An ARP binding failure occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

---

**B1818B49 B1818B49**

**Explanation:** Failed to get the address.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B4A B1818B4A**

**Explanation:** Failed to get the IP address.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B4C B1818B4C**

**Explanation:** A receive failure occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B4D B1818B4D**

**Explanation:** A polling failure occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B4E B1818B4E**

**Explanation:** A failure occurred when creating a route.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B4F B1818B4F**

**Explanation:** An ARP failure occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B50 B1818B50**

**Explanation:** An ARP open failure occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B51 B1818B51**

**Explanation:** An error occurred with a daemon.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B52 B1818B52**

**Explanation:** An error occurred with a daemon.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B53 B1818B53**

**Explanation:** An error occurred when receiving a message.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B54 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 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 B1818B57**

**Explanation:** An I/O control failure occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B58 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    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    B1818B5D**

**Explanation:** An invalid gateway was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B5E    B1818B5E**

**Explanation:** An internal error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B60    B1818B60**

**Explanation:** Unable to write to a file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B61    B1818B61**

**Explanation:** Failed to set the gateway (IPv4).

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B62    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    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    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    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    B1818B66**

**Explanation:** A broadcast address was null.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B67    B1818B67**

**Explanation:** The routing file was not found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B68    B1818B68**

**Explanation:** An IPv4 address failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B70    B1818B70**

**Explanation:** A listif command failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B72 B1818B72**

**Explanation:** Failed to set the gateway.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B73 B1818B73**

**Explanation:** The interface was not found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B74 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 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 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 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 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 B1818B79**

**Explanation:** Failed to set the broadcast address.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B80 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 B1818B82**

**Explanation:** An invalid prototype was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B83 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 B1818B84**

**Explanation:** Setting the IF flags failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B85 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**    **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**    **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**    **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**    **B1818B90**

**Explanation:** There was an error in the link speed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B91**    **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**    **B1818B92**

**Explanation:** A failure occurred when processing a file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818B93**    **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**    **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**    **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**    **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**    **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**    **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**    **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 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 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 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 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 B1818B9F**

**Explanation:** The interface configuration was invalid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818BA0 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 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 B1818BA2**

**Explanation:** The dynamic host (DH) client was released.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818BA4 B1818BA4**

**Explanation:** A DHCP directory failure occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818BA5 B1818BA5**

**Explanation:** A PID failure occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818C09 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 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 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 B1818C0F**

**Explanation:** An unknown card was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818C11 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 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 B1818C57**

**Explanation:** The VLAN map configuration is not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818C58 B1818C58**

**Explanation:** The PVID configuration is not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1818CAC 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 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 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 B1819001**

**Explanation:** An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1819002 B1819002**

**Explanation:** An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1819003 B1819003**

**Explanation:** An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1819004 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

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callouts detailed with the SRC to determine service actions.

---

### B1819005 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 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 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 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 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 B181900F

**Explanation:** An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1819010 B1819010

**Explanation:** An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1819011 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 B1819012

**Explanation:** An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1819015 B1819015

**Explanation:** An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1819019 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    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    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    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    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    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    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    B1819022**

**Explanation:** The service processor could not find vital product data (VPD) for a FRU.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1819023    B1819023**

**Explanation:** The service processor could not find the vital product data (VPD) for a FRU.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1819024    B1819024**

**Explanation:** The service processor could not find vital product data (VPD) for a FRU.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1819027    B1819027**

**Explanation:** An internal service processor error occurred. Check for system firmware updates and apply if available before replacing the service processor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1819029    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 • B1819043

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### B181902A B181902A

**Explanation:** An integrity check failed on data that the service processor retrieved from CEC memory.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181902B 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 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 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 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 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 B181903B

**Explanation:** A null functional unit pointer was found while iterating through the list of core functional units that were found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181903D 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 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 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 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 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.

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**B1819044**    **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**    **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**    **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**    **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**    **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**    **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.

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**B1819204**    **B1819204**

**Explanation:** The operating system protocol does not match the currently-supported service processor version.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1819207**    **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**    **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**    **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**    **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**    **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.

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## B181920E • B181950C

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### B181920E 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 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 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.

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### B1819212 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 B1819502

**Explanation:** Unable to initialize the mutexes for locking classes.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1819505 B1819505

**Explanation:** Failure to create a semaphore.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1819506 B1819506

**Explanation:** The kernel call failed to create a thread

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1819507 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 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 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 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 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.

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**B181950D**    **B181950D**

**Explanation:** The size of the data sent exceeded the maximum allowed size.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181950E**    **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**    **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**    **B1819516**

**Explanation:** An invalid message received by the service processor

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1819517**    **B1819517**

**Explanation:** Unable to receive the error log from the daemon.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1819518**    **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.

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**B1819519**    **B1819519**

**Explanation:** The service processor attempted to pass an invalid value to the hypervisor

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181951A**    **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**    **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**    **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**    **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**    **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.

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## B1819524 • B1819532

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### B1819524 B1819524

**Explanation:** The kernel device driver returned error when setting or clearing bits

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B1819525 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 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 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 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 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 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 callouts detailed with the SRC to determine service actions.

---

### B181952C 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 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 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 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 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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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    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    B1819542**

**Explanation:** The VNV RAM 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    B1819544**

**Explanation:** The mailbox server has forced an unlocking of VNV RAM.

**Response:** If this 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    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    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    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    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    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    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    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    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    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**    **B1819906**

**Explanation:** The service processor capacity on demand (SCOD) interface does not recognize the power-off IPL type.

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**B1819907**    **B1819907**

**Explanation:** An error occurred when the service processor capacity on demand interface was reading a registry value.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1819908**    **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**    **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**    **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**    **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.

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**B181A001**    **B181A001**

**Explanation:** Failed to read a value from the registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

**B181A002**    **B181A002**

**Explanation:** Failed to read a registry value.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A003**    **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**    **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**    **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**    **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**    **B181A007**

**Explanation:** Failed when trying to write the control panel information to the registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B181A008 • B181A014

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### B181A008 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 B181A009

**Explanation:** Failed to create the synchronization file for clients.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A00A 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 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 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 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 B181A00E

**Explanation:** Failed to lock the mutex.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A00F B181A00F

**Explanation:** Failed to lock the mutex.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A010 B181A010

**Explanation:** Failed to unlock the mutex.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A011 B181A011

**Explanation:** Timed out waiting for the mutex conditional.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A012 B181A012

**Explanation:** Failed to wait for mutex conditional.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A013 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 B181A014

**Explanation:** Failed to start the service processor dump function.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

**B181A015 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 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 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 B181A018**

**Explanation:** Failed to kill the thread holding the mutex.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A019 B181A019**

**Explanation:** Failed to connect to the client socket.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A020 B181A020**

**Explanation:** Failed to create a socket.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A021 B181A021**

**Explanation:** Failed to bind to a socket.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A022 B181A022**

**Explanation:** Failed to listen for messages.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A023 B181A023**

**Explanation:** Failed to accept a socket.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A030 B181A030**

**Explanation:** Failed to assign a name to the socket that was created.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A031 B181A031**

**Explanation:** Failed to begin listening on the socket.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A032 B181A032**

**Explanation:** Failed to accept the connection from a listening socket.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A033 B181A033**

**Explanation:** Failed to create or connect to the socket.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B181A034 • B181A046

---

**B181A034**    **B181A034**

**Explanation:** Failed to close the listening socket.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A035**    **B181A035**

**Explanation:** Failed to create the server address socket object.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A036**    **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**    **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**    **B181A038**

**Explanation:** The client address socket doesn't exist.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A040**    **B181A040**

**Explanation:** Failed to send the action response to a concurrent maintenance operation.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A041**    **B181A041**

**Explanation:** Failed to receive a reply.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A042**    **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**    **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**    **B181A044**

**Explanation:** No data was passed into the function.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A045**    **B181A045**

**Explanation:** The function received an invalid parameter.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A046**    **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 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 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 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 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 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 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 B181A04D**

**Explanation:** A power transition request failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A04E 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 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 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 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 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 • B181A077

---

### B181A053 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 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 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 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 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 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 B181A071

**Explanation:** An invalid function was requested.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

### B181A072 B181A072

**Explanation:** The subfunction is not supported.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A073 B181A073

**Explanation:** Failed to execute the panel function.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A074 B181A074

**Explanation:** The subfunction is invalid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A075 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 • B181A09B

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### B181A08F 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 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 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 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 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 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 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 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 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 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 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 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.

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---

**B181A09C 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 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 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 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 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 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 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 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 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 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 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 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 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 • B181A0BB

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### B181A0B0 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 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 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 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 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 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 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 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 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 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 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 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.

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---

**B181A0BC 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 B181A204**

**Explanation:** Unknown caller.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

## B181A205 • B181A214

callouts detailed with the SRC to determine service actions.

---

### B181A205 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 B181A206

**Explanation:** Failed to request IPL for the system.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A207 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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

## B181A409 • B181A415

callouts detailed with the SRC to determine service actions.

---

### B181A409 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 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 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 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 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 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 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 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 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 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 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 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 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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **B181A41E**

**Explanation:** The client failed on a socket 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**    **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**    **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**    **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**    **B181A422**

**Explanation:** The client failed to get message data from the server when message 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 B181A423**

**Explanation:** Invalid data in the module VPD .out 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 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 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 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 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 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 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 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 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 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 B181A42D**

**Explanation:** A failure occurred when reading the Anchor (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 B181A42E**

**Explanation:** Writing to the Anchor 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**    **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**    **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**    **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**    **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**    **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**    **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**    **B181A435**

**Explanation:** Unable to update the IN keyword in the VRTN block.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A436**    **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**    **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**    **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**    **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**    **B181A43A**

**Explanation:** Invalid offset for retrieving raw entry data from the .out 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**    **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

## B181A43C • B181A447

callouts detailed with the SRC to determine service actions.

---

### B181A43C 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 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 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 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 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 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 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 B181A443

**Explanation:** An error was encountered during VPD collection.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A444 B181A444

**Explanation:** An error was encountered during VPD collection.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A445 B181A445

**Explanation:** An attempt to delete the old event queue failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A446 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 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 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 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 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 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 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 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 B181A450**

**Explanation:** The RB keyword needs to be programmed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A451 B181A451**

**Explanation:** The SG keyword needs to be programmed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A452 B181A452**

**Explanation:** The SU keyword needs to be programmed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A453 B181A453**

**Explanation:** The SE keyword needs to be programmed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A454 B181A454**

**Explanation:** The TM keyword needs to be programmed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A455 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 • B181A463

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### B181A456 B181A456

**Explanation:** The WN keyword needs to be programmed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A457 B181A457

**Explanation:** Failed to identify a RIO cable.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A458 B181A458

**Explanation:** Failed to read the I2C DP.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A459 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 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 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 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 B181A45D

**Explanation:** Updating the System p BR keyword is not allowed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A45E B181A45E

**Explanation:** Updating the SSD BR keyword is not allowed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A45F B181A45F

**Explanation:** Failed to open a directory.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A460 B181A460

**Explanation:** An unknown type of error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A461 B181A461

**Explanation:** An initialization operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A462 B181A462

**Explanation:** Failed to set a thread attribute.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A463 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 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 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 B181A466**

**Explanation:** Unable to lock out all threads.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A467 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 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 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 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 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 B181A46C**

**Explanation:** An error was encountered when trying to find the VSYS record from 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.

---

**B181A46D 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 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 B181A46F**

**Explanation:** Failed to write to a registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B181A470 • B181A47C

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### B181A470 B181A470

**Explanation:** Invalid data was found in the registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A471 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 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 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 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 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 B181A476

**Explanation:** An error occurred when setting the DIMM change flag.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A477 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 B181A478

**Explanation:** An invalid device type was received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A479 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 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 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 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 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 B181A47E**

**Explanation:** The system VPD was not collected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A47F B181A47F**

**Explanation:** Failed to delete an entry from a table.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A480 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 B181A481**

**Explanation:** Failed to load a table.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A482 B181A482**

**Explanation:** A problem occurred when collecting the system VPD.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A483 B181A483**

**Explanation:** Unable to create a FRU callout.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A484 B181A484**

**Explanation:** Verification of the path from the service processor to the Anchor 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 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 B181A487**

**Explanation:** Failure in FRUM call to set up iomux for the anchor 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 B181A488**

**Explanation:** Failure during FRUM waiting on anchor 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 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 • B181A495

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### B181A48A B181A48A

**Explanation:** Failure during FRUM waiting on gpio devices becoming present.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A48B 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 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 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 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 B181A48F

**Explanation:** Unable to find the IM keyword in the VPD record in this system's Anchor card. Reprogram the Anchor card with the correct VPD.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A490 B181A490

**Explanation:** The VPD was guarded.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A491 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 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 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 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 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.

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**B181A496**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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 • B181A4AF

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### B181A4A2 B181A4A2

**Explanation:** There was an error when trying to clear the data synchronization gzip file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A4A4 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 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 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 B181A4A7

**Explanation:** Unable to find the IM keyword in the VSBP VPD record in this system's anchor card. The anchor 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 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 B181A4AA

**Explanation:** Unable to find the parent CCIN of the resource ID.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A4AB 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 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 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 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 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 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 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 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 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 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 B181A4BA**

**Explanation:** The anchor 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 B181A4BB**

**Explanation:** Unable to obtain the anchor chip resource IDs.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A4BC B181A4BC**

**Explanation:** Failed to read the file from 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.

---

**B181A4BD 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 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 B181A4C1**

**Explanation:** Failed to load tables to p1/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.

---

**B181A4C2 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 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

## B181A4C4 • B181A4D0

callouts detailed with the SRC to determine service actions.

---

### B181A4C4 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 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 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 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 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 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 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 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 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 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 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 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 B181A4D1**

**Explanation:** Failed to add a file to the global synchronization list so that it can be scheduled for deletion on the secondary service processor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A4D2 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 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 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 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 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 B181A4D7**

**Explanation:** The p1 table version does not match the NFS or RO/svcpd.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A4D8 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 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 B181A4DA**

**Explanation:** There was a mismatch between the machine ID on the primary Anchor card and the secondary Anchor card. The secondary Anchor card will be guarded out and the machine ID on the primary Anchor 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 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 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 • B181A710

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### B181A4E4 B181A4E4

**Explanation:** Firmware validation was successful.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A4E5 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 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 B181A4FF

**Explanation:** An invalid command was encountered.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A701 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 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 B181A704

**Explanation:** Request to obtain data for a service LED failed due to a software error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181A705 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 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 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 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 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 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.

---

**B181A713 B181A713**

**Explanation:** A call to operate 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.

---

**B181A716 B181A716**

**Explanation:** Request to turn on, turn off, or blink a service LED failed due to a software or 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.

---

**B181A717 B181A717**

**Explanation:** Failed to identify a service LED due to a software or hardware 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.

---

**B181A718 B181A718**

**Explanation:** A software error was caused by invalid function 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.

---

**B181A719 B181A719**

**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 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 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 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 B181A71D**

**Explanation:** Request to turn on, turn off, or blink a service LED failed due to a device driver problem.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A71E B181A71E**

**Explanation:** Internal firmware error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A71F 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 B181A720**

**Explanation:** Request to turn on, turn off, or blink a service LED failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A722 B181A722**

**Explanation:** Request to turn on, turn off, or blink a service LED failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A723 B181A723**

**Explanation:** Request to turn on, turn off, or blink a service LED failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A724 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 B181A725**

**Explanation:** An error occurred during first failure data collection.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A726 B181A726**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181A727 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 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 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 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 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.

---

**B181B001 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**    **B181B002**

**Explanation:** No chips were in the chain.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B003**    **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**    **B181B005**

**Explanation:** A chip was not found in the chain.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B006**    **B181B006**

**Explanation:** The ring buffer size was not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B00B**    **B181B00B**

**Explanation:** Failure to release the lock.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B011**    **B181B011**

**Explanation:** Failure when getting the facility.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B012**    **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**    **B181B019**

**Explanation:** An abort was signalled.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B01B**    **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**    **B181B01C**

**Explanation:** An attempt was made to release a lock that was not held.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B026**    **B181B026**

**Explanation:** An invalid command ID was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B027**    **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**    **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**    **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

## B181B02D • B181B03F

callouts detailed with the SRC to determine service actions.

---

### B181B02D 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 B181B02E

**Explanation:** A chip detected cyclic redundancy check (CRC) mismatches 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 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 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 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 B181B032

**Explanation:** The last bits of the chip status command were not the expected value.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B033 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 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 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 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 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 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 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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **B181B10C**

**Explanation:** The resources used to complete a memory path are not functional.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B10D    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    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    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    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    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    B181B112**

**Explanation:** Unsupported cards (designated by a CCIN of FFFF) were detected in the system. These cards have been deconfigured and are unusable system resources.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B113    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    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    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    B181B120**

**Explanation:** An invalid value was passed into the function.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B121    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    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.

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**B181B126 B181B126**

**Explanation:** The frequency for this clock card is invalid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B128 B181B128**

**Explanation:** An invalid VPD port number was detected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B129 B181B129**

**Explanation:** The resource ID is invalid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B12A B181B12A**

**Explanation:** An MCM has an invalid plug count.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B12B 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 B181B12C**

**Explanation:** An error occurred when creating a group object.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

---

**B181B12D B181B12D**

**Explanation:** An invalid unit id was detected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B139 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 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 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 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 B181B142**

**Explanation:** A light strip has been plugged in incorrectly.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

## B181B143 • B181B165

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### B181B143 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 B181B144

**Explanation:** An error occurred when using spif WBC commands.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B145 B181B145

**Explanation:** A chip is missing.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B146 B181B146

**Explanation:** The RTBL chip override key was set.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B150 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 B181B151

**Explanation:** Zero chips were found on the new or replacement card.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B153 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 B181B158

**Explanation:** The creation of a cage pointer failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B15E 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 B181B15F

**Explanation:** An error was returned from cmdDataBuffer.

**Response:** If this 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 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 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**    **B181B166**

**Explanation:** Error in performing a sendCmd operation.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B167**    **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**    **B181B169**

**Explanation:** The SMP cables are plugged incorrectly.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B16A**    **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**    **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**    **B181B16C**

**Explanation:** A concurrent maintenance quiesce operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B16D**    **B181B16D**

**Explanation:** A concurrent maintenance switch command failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B16E**    **B181B16E**

**Explanation:** A concurrent maintenance node hot add operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B170**    **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**    **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**    **B181B172**

**Explanation:** An invalid card record was found in persistent memory.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B173**    **B181B173**

**Explanation:** An attempt was made to access a processor chip unit with an invalid ID.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B181B174 • B181B2C2

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### B181B174 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 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 B181B176

**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.

---

### B181B177 B181B177

**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.

---

### B181B178 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.

---

### B181B19B 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 B181B201

**Explanation:** Dynamic recalibration is not valid on this elastic interface bus.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B204 B181B204

**Explanation:** An unknown system type was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B205 B181B205

**Explanation:** The SMGR\_NON\_MS\_RIPL recovery IPL is hung.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B206 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.

---

### B181B2C1 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 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.

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**B181B2C3**    **B181B2C3**

**Explanation:** Internal software error: data buffer used incorrectly

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B2C4**    **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**    **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**    **B181B2C6**

**Explanation:** Internal software error: test routine failed

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B2CC**    **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**    **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.

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**B181B2E3**    **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**    **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**    **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.

---

**B181B301**    **B181B301**

**Explanation:** The firmware encountered an internal problem.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B302**    **B181B302**

**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.

---

**B181B303**    **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 • B181B30F

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### B181B304 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 B181B305

**Explanation:** A chip-checker can only contain a pre-defined set of clock states, and the clock state of this chip-checker is not in this set.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B306 B181B306

**Explanation:** The inversion mask of a ring can not be found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B307 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 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 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 B181B30A

**Explanation:** The firmware encountered an internal problem.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B30B B181B30B

**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.

---

### B181B30C B181B30C

**Explanation:** The firmware encountered an internal problem.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B30D B181B30D

**Explanation:** The firmware encountered an internal problem.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B30E 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 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**    **B181B310**

**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.

---

**B181B311**    **B181B311**

**Explanation:** The firmware encountered an internal problem.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B312**    **B181B312**

**Explanation:** The firmware encountered an internal problem.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B313**    **B181B313**

**Explanation:** The firmware detected a problem where the defined data of a chip-checker is not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B314**    **B181B314**

**Explanation:** This is an internal firmware problem.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B315**    **B181B315**

**Explanation:** This is an internal firmware problem.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B316**    **B181B316**

**Explanation:** The parity checking of the chip data failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B317**    **B181B317**

**Explanation:** An internal firmware error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B318**    **B181B318**

**Explanation:** The firmware encountered a problem.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B319**    **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**    **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**    **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.

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## B181B31C • B181B507

---

### B181B31C 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 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 B181B481

**Explanation:** The service processor was unable to turn on a chip clock.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B482 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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.

---

**B181B701 B181B701**

**Explanation:** An internal firmware error occurred - unable to create a directory in the filesystem.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B702 B181B702**

**Explanation:** An internal firmware error occurred - 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.

---

**B181B703 B181B703**

**Explanation:** An internal software error occurred - the part that was specified 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.

---

## B181B705 • B181B717

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### B181B705 B181B705

**Explanation:** The hardware or firmware is not in a valid state to execute the 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.

---

### B181B706 B181B706

**Explanation:** An internal firmware error occurred - an "out of space" condition 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.

---

### B181B707 B181B707

**Explanation:** An unsupported system type or multi-chip module (MCM) 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.

---

### B181B708 B181B708

**Explanation:** An internal software error occurred - there was a posix thread 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.

---

### B181B70C B181B70C

**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.

---

### B181B710 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 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 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 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 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 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 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.

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**B181B718 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 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 B181B71A**

**Explanation:** An internal software error occurred - a persistent data value was not set as expected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B71B 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 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 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 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 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 B181B722**

**Explanation:** An internal software error occurred - there was a data size mismatch.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B723 B181B723**

**Explanation:** An undefined memory channel was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B724 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 B181B727**

**Explanation:** An internal software error occurred - the part that was specified is already deconfigured.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B181B728 • B181B734

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### B181B728 B181B728

**Explanation:** The VPD information was not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B729 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 B181B72A

**Explanation:** An error was received when attempting a DMA operation between the service processor and the processor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B72B 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 B181B72C

**Explanation:** An internal error occurred - the hardware is in an unexpected state 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 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 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 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 B181B731

**Explanation:** The secondary service processor cannot be tested in its current state.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B732 B181B732

**Explanation:** An internal firmware error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B733 B181B733

**Explanation:** An internal firmware error occurred when attempting to handle a hardware error. Look for previous entries in the error logs indicating a hardware error and follow the recommended actions.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B734 B181B734

**Explanation:** The CHIC operation received a signal.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B736 B181B736**

**Explanation:** Failed when writing data to a memory buffer.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B737 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 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 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 B181B73B**

**Explanation:** The calling function passed an invalid resource ID.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B73C 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 B181B73D**

**Explanation:** A lock was held beyond the threshold.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B73E 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 B181B73F**

**Explanation:** The CEC experienced a power line fault or outage.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B740 B181B740**

**Explanation:** The secondary service processor is seeing missing devices.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B741 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 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.

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## B181B820 • B181B83F

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### B181B820 B181B820

**Explanation:** Internal software error

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B825 B181B825

**Explanation:** Unable to stop instructions on a processor

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B82B 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 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 B181B830

**Explanation:** Internal software error

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B834 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 B181B835

**Explanation:** Internal software error

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

### B181B836 B181B836

**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.

---

### B181B838 B181B838

**Explanation:** Internal software error: hardware in incorrect state for attempted operation

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B839 B181B839

**Explanation:** Internal software error: invalid parameter passed into function

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B83B B181B83B

**Explanation:** Unable to start executing instructions on a processor

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B83C B181B83C

**Explanation:** Unable to step instructions on a processor

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B83F 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 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 B181B84C**

**Explanation:** Failed to complete self-synchronization.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B857 B181B857**

**Explanation:** Unable to properly quiesce I/O hardware

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B858 B181B858**

**Explanation:** Internal software error: required data is missing

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B859 B181B859**

**Explanation:** Internal software error: required data missing

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B85A 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 B181B85D**

**Explanation:** The memory queues are not empty.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B85E B181B85E**

**Explanation:** A maintenance command timed out.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B85F 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 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 B181B862**

**Explanation:** Hardware SMP bus alignment did not complete successfully

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B87B B181B87B**

**Explanation:** Internal software error: required attribute not set

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B87C 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

## B181B87D • B181B895

callouts detailed with the SRC to determine service actions.

---

### B181B87D 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 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 B181B887

**Explanation:** Internal software information log entry; informational message only.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B889 B181B889

**Explanation:** Hardware configuration is invalid

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B88B B181B88B

**Explanation:** An internal firmware error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B88D B181B88D

**Explanation:** Internal software error: data buffer used incorrectly

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B88E B181B88E

**Explanation:** Internal software error

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B890 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 B181B891

**Explanation:** Errors were detected on an internal bus

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B892 B181B892

**Explanation:** HEA (host ethernet adapter) SCOM did not complete.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B893 B181B893

**Explanation:** An internal firmware error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B894 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 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 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 B181B897**

**Explanation:** The information from wire test is not available.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B898 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 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 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 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 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 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 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 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 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 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 • B181B915

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### B181B904 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 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 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 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 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 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 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 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 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 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 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 B181B915

**Explanation:** The SCOM device driver is unable to scan the data out from the ID register

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.



---

**B181B916 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 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 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 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 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 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 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 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 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 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 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 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 B181B924**

**Explanation:** The firmware timed out when waiting for a JTAG lock to be granted by the JTAG ADAL (access device abstraction layer).

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

---

**B181B925    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    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    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    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    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    B181B92A**

**Explanation:** The JTAG ADAL (access device abstraction layer) failed to perform an STSR (storage scan register) scan.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B92B    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    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    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    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    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    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**    **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**    **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**    **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**    **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**    **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**    **B181B945**

**Explanation:** The SCOM device driver encountered an error when trying to read a GP (general purpose) register of a chip.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B946**    **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**    **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**    **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**    **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**    **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**    **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 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 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 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 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 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 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 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 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 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 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 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 B181B966**

**Explanation:** The firmware detected a CRC mismatch 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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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

## B181B985 • B181B9A0

callouts detailed with the SRC to determine service actions.

---

### B181B985 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 B181B986

**Explanation:** The firmware encounters an internal problem: the string that specifies the location of a chip is invalid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B987 B181B987

**Explanation:** An internal register address was not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B988 B181B988

**Explanation:** A scan register was not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B989 B181B989

**Explanation:** An SCOM register was not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181B995 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 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 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 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 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 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 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 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 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 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 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 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 B181B9B1**

**Explanation:** The ivJtagEnginePtr pointer is NULL.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B9B2 B181B9B2**

**Explanation:** The scan error type was invalid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B9B4 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 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 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 B181B9B7**

**Explanation:** Failed to initialize a chip status object.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B9C0 B181B9C0**

**Explanation:** The firmware encountered an internal error: the position of a chip in a JTAG chain is invalid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B9C2 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 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 B181B9C5**

**Explanation:** The firmware encountered an internal error: the size of the data buffer that was provide 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 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 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 B181B9D0**

**Explanation:** The general purpose (GP) register number was not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B9D1 B181B9D1**

**Explanation:** An error was detected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181B9D2 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.

---

**B181C002 B181C002**

**Explanation:** CINI has encountered a software failure.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C004 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 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 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 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 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 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 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 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 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 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 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 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 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 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 B181C024**

**Explanation:** Before an object was initialized, a function was called on it.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C025 B181C025**

**Explanation:** The CEC initialization interpreter failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B181C026 • B181C03B

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### B181C026 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 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 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 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 B181C030

**Explanation:** CINI has detected an SCOM attention on a chip. This chip will be deconfigured.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181C031 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 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 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 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 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 B181C03A

**Explanation:** CINI has detected a time-of-day delay for a chip that is too large.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181C03B 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 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 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 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 B181C041**

**Explanation:** Setting the clock frequency failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C042 B181C042**

**Explanation:** There is no memory available in the system.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C043 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 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 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 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 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 B181C048**

**Explanation:** CINI has received a request for in-memory trace that would cover the first 64 MB of addressable memory.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C04A 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 • B181C118

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### B181C101 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 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 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 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 B181C106

**Explanation:** The clocks must be on, and they are not on.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181C107 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 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 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 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 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 B181C117

**Explanation:** Setup was done incorrectly prior to attempting to access the general purpose register.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181C118 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 B181C119**

**Explanation:** A function returned an error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C11A 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 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 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 B181C11E**

**Explanation:** An error was detected when reading system storage.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C11F 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.

---

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**B181C120 B181C120**

**Explanation:** An invalid chip ID was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C123 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 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 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 B181C128**

**Explanation:** No trace arrays were found on a chip.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C12B 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.

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## B181C12C • B181C140

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### B181C12C B181C12C

**Explanation:** An invalid trace array type was detected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181C12D 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 B181C12E

**Explanation:** An invalid chip ID was encountered.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181C12F B181C12F

**Explanation:** An invalid chip ID was encountered.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181C130 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 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 callouts detailed with the SRC to determine service actions.

---

### B181C132 B181C132

**Explanation:** An error was detected when reading system storage.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

### B181C133 B181C133

**Explanation:** An invalid address range was detected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181C134 B181C134

**Explanation:** An invalid starting address was detected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181C135 B181C135

**Explanation:** The number of bytes was invalid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181C136 B181C136

**Explanation:** An invalid memory address was detected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181C137 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 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 B181C141**

**Explanation:** An error occurred when attempting to read main storage.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C142 B181C142**

**Explanation:** An error occurred when attempting to read main storage.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C144 B181C144**

**Explanation:** An error occurred when attempting to read main storage.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C145 B181C145**

**Explanation:** An error occurred when attempting to write to main storage.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C218 B181C218**

**Explanation:** An unknown chip group was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C220 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 B181C263**

**Explanation:** The valid bit was not set.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C264 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 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 B181C29E**

**Explanation:** RSN code authorization failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C2B1 B181C2B1**

**Explanation:** The SMGR returned bad status.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C2B2 B181C2B2**

**Explanation:** An invalid istep was received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C2B3 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.

---

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**B181C2B4 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 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 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 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 B181C2EB**

**Explanation:** The licensed internal code sent incorrect command values.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C350 B181C350**

**Explanation:** The application received a signal.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C351 B181C351**

**Explanation:** CHIC was aborted.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C352 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 B181C353**

**Explanation:** An error occurred when receiving a message.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C356 B181C356**

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C357 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 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 B181C359**

**Explanation:** An error occurred when sending a message.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.



---

**B181C35A B181C35A**

**Explanation:** An error occurred when sending a message.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C35B 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 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 B181C35F**

**Explanation:** An error handle passed in was null.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C366 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 B181C36A**

**Explanation:** A parameter was missing.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C36B B181C36B**

**Explanation:** An unrecognized command was received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C36C 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 B181C36D**

**Explanation:** There were unused parameters.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C36E 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 B181C36F**

**Explanation:** A value was missing.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C370 B181C370**

**Explanation:** An invalid function type was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C371 B181C371**

**Explanation:** A variable was out of range.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C372 B181C372**

**Explanation:** An invalid character was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C373 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 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 B181C375**

**Explanation:** An unknown output type was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C376 B181C376**

**Explanation:** A network error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C378 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 B181C379**

**Explanation:** An error occurred when flattening a data buffer.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C37A 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, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C37B B181C37B**

**Explanation:** An error occurred when manipulating 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.

---

**B181C37C B181C37C**

**Explanation:** An error occurred when manipulating 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.

---

**B181C37D B181C37D**

**Explanation:** The function does not support group 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.

---

**B181C37F B181C37F**

**Explanation:** Function calls were made outside the 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.

---

**B181C658 B181C658**

**Explanation:** The system performed a line delete. 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.

---

**B181C6BB B181C6BB**

**Explanation:** The command table had an invalid 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.

---

**B181C704 B181C704**

**Explanation:** The firmware was unable to get the I/O hub 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.

---

**B181C705 B181C705**

**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.

---

**B181C706 B181C706**

**Explanation:** The firmware failed to call the ecmd functions.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C707 B181C707**

**Explanation:** A checkstop was detected on a chip before the main storage diagnostics were 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.

---

**B181C709 B181C709**

**Explanation:** A summary log 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.

---

**B181C70A B181C70A**

**Explanation:** This was a memory-preserving IPL, so this summary error log was created to terminate the IPL and to indicate that the firmware created and committed previous logs that pointed to defective hardware, or logs for software failures that were caused by the 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.

---

**B181C70B 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 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 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 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 B181C719**

**Explanation:** Too many correctable errors were detected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B181C727 • B181C73F

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### B181C727 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 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 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 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 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 B181C734

**Explanation:** An invalid address was found in the test case list.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181C737 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 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 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 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 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 B181C73F

**Explanation:** The data in the status address is not changing. Data should be changing if the test were running correctly.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

---

**B181C740**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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 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 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 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 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 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 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 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 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 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.

---

**B181C851 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 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 B181C854**

**Explanation:** Wire test has detected an RDT error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181C876 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 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 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 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 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 B181CA02**

**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.

---

**B181CA03 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.

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**B181CA04 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 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 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 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 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 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

## B181CA0E • B181D009

callouts detailed with the SRC to determine service actions.

---

### B181CA0E 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 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 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 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 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.

---

### B181D003 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 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 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 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 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 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 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.



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**B181D00F 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 B181D010**

**Explanation:** The service processor is being reset.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D102 B181D102**

**Explanation:** The write interface failed while initializing a file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D103 B181D103**

**Explanation:** The read utility failed on a breakpoint attention

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D104 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 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 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 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 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 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 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 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.

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## B181D112 • B181D11F

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### B181D112 B181D112

**Explanation:** Failed to enable attentions through the enable attentions interface.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D113 B181D113

**Explanation:** JTAG timed out while waiting for a lock.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D114 B181D114

**Explanation:** Disabling the attentions failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D116 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 B181D117

**Explanation:** Failed to write a flag to the registry .

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D118 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 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 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 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 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 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 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 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 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 B181D121**

**Explanation:** Failed to read main storage after a breakpoint attention

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D122 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 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 B181D124**

**Explanation:** A JTAG lock cannot be released.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D125 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 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 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 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 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 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 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 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 • B181D13F

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### B181D12F 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 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 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 B181D134

**Explanation:** AH server process failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D135 B181D135

**Explanation:** A function returned with a failure.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D136 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 B181D137

**Explanation:** A chip was asked to service a special attention, but it doesn't support it .

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

### B181D138 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 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 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 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 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 B181D13F

**Explanation:** The read utility failed to read the current role of the service processor.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D140**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **B181D148**

**Explanation:** F ailed to get a lock

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D149**    **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**    **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**    **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**    **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

## B181D14F • B181D225

callouts detailed with the SRC to determine service actions.

---

### B181D14F 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 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 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 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 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 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.

---

### B181D15D 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 B181D15F

**Explanation:** An SCOM attention/checkstop scenario was encountered.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D160 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 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.

---

### B181D223 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 callouts detailed with the SRC to determine service actions.

---

### B181D224 B181D224

**Explanation:** An unknown box value was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D225 B181D225

**Explanation:** A failure occurred when reading a registry value.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

**B181D226 B181D226**

**Explanation:** A failure occurred when reading a registry value.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D227 B181D227**

**Explanation:** A failure occurred when reading a registry value.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D228 B181D228**

**Explanation:** A failure occurred when trying to read the processor speed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D229 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 B181D22A**

**Explanation:** Unable to configure a target.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D22B 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 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 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 B181D22E**

**Explanation:** The daemon may not be running.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D22F 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 B181D230**

**Explanation:** Unable to create a new daemon.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D231 B181D231**

**Explanation:** An error occurred in a system call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D232 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

## B181D233 • B181D23F

callouts detailed with the SRC to determine service actions.

---

### B181D233 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 B181D234

**Explanation:** Unable to open the log file after two attempts. .

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D235 B181D235

**Explanation:** Unable to write the log file header.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D236 B181D236

**Explanation:** Unable to write the log file data.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D237 B181D237

**Explanation:** The stepsize is zero, which is invalid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D238 B181D238

**Explanation:** An error occurred in a system call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D239 B181D239

**Explanation:** An error occurred in a system call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D23A 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 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 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 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 callouts detailed with the SRC to determine service actions.

---

### B181D23E 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 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 B181D240**

**Explanation:** A failure occurred when forking a child process.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D241 B181D241**

**Explanation:** The input argument was not a valid string buffer.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D242 B181D242**

**Explanation:** An error occurred when updating the table iteration count.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D243 B181D243**

**Explanation:** An error occurred when executing a table command.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D244 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 B181D245**

**Explanation:** An error was returned from a slew command.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D247 B181D247**

**Explanation:** An error occurred when executing a sweep command.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D248 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 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 B181D302**

**Explanation:** An operation on a session entry object failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D303 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 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 • B181D310

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### B181D305 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 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 B181D307

**Explanation:** A mailbox component 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.

---

### B181D308 B181D308

**Explanation:** Failed to read or write a registry key.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D309 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 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 B181D30B

**Explanation:** A call to mkdir failed.

**Response:** If this 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 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 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 B181D30E

**Explanation:** The hardware management console (HMC) was unable to open a hypervisor session because the service processor (or system controller) firmware determined that the hypervisor was not running.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D30F 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 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 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 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 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 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 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 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 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 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 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 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 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 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 • B181D401

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### B181D31D B181D31D

**Explanation:** A SPIF component operation failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D31E B181D31E

**Explanation:** A failure occurred in an API.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D31F B181D31F

**Explanation:** An error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D320 B181D320

**Explanation:** The response data from SPIF was not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D321 B181D321

**Explanation:** A validation error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D322 B181D322

**Explanation:** A code update (CUPD) error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D323 B181D323

**Explanation:** The CHIC component returned a failure code.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D324 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 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 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 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 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 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**    **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**    **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.

---

**B181D502**    **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**    **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**    **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**    **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**    **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.

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**B181D508**    **B181D508**

**Explanation:** A read operation failed on a device.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D509**    **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**    **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**    **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**    **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**    **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.

---

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**B181D50E 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 B181D50F**

**Explanation:** The dispatcher received a signal.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D510 B181D510**

**Explanation:** Unable to create the dispatcher thread.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D521 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 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 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 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.

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**B181D603 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 B181D604**

**Explanation:** An unexpected reply was received from a daemon.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D605 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 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 B181D607**

**Explanation:** Failed to synchronize with a daemon.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D608 B181D608**

**Explanation:** Failed to create the network client address object.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D609 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.

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**B181D60B 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 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 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 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 B181D60F**

**Explanation:** Failed to lock a thread mutex.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D610 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 B181D611**

**Explanation:** Failed to initialize a mutex.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

**B181D612 B181D612**

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D614 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 B181D615**

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D617 B181D617**

**Explanation:** A partition dump request failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D618 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 B181D619**

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D61A B181D61A**

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

## B181D61B • B181D62A

callouts detailed with the SRC to determine service actions.

---

### B181D61B 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 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 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 B181D61E

**Explanation:** An unexpected maximum resource ID (RID) was received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D621 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 B181D622

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D623 B181D623

**Explanation:** Failed to create an event thread.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D625 B181D625

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D626 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 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 B181D628

**Explanation:** Failed to read the current state data.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D629 B181D629

**Explanation:** Failed to read the current power state.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181D62A 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 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 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 B181D62D**

**Explanation:** Unable to create a context.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D62F B181D62F**

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D630 B181D630**

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D633 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 B181D634**

**Explanation:** Failure when waiting for the control blocks to complete.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

**B181D635 B181D635**

**Explanation:** An attempt to submit control blocks failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D637 B181D637**

**Explanation:** Unable to set the pins to an unconfigured mode.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D638 B181D638**

**Explanation:** Unable to set the button debounce interval

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D639 B181D639**

**Explanation:** Unable to configure the power good (pgood) register.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D63A B181D63A**

**Explanation:** A function reported a failure.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181D63B 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 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 B181D63D**

**Explanation:** The general purpose (GP) I/O device that the control (operator) panel did not show up within the allotted time

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E001 B181E001**

**Explanation:** The snoop string was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E002 B181E002**

**Explanation:** Phone numbers for call home are not programmed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E003 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 B181E004**

**Explanation:** Dialing the customer pager failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E005 B181E005**

**Explanation:** Missing account information in call home setup.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E006 B181E006**

**Explanation:** Missing information in the modem setup panels. Make sure all fields are filled in.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E007 B181E007**

**Explanation:** Internal software error; the daemon process failed to start.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E008 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 B181E009**

**Explanation:** Internal software error

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E00A B181E00A**

**Explanation:** A child process failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E00B 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    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    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    B181E00E**

**Explanation:** Internal software error

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E010    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    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    B181E012**

**Explanation:** Internal software error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E014    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    B181E015**

**Explanation:** Internal software error; communications failure with service center.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E016    B181E016**

**Explanation:** Socket connection to service center failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E017    B181E017**

**Explanation:** Internal software error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E01E    B181E01E**

**Explanation:** The customer initiated a call home test.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E01F    B181E01F**

**Explanation:** Call home test initiated by test methods.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E020    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

## B181E025 • B181E202

callouts detailed with the SRC to determine service actions.

---

### B181E025 B181E025

**Explanation:** Internal software error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E026 B181E026

**Explanation:** Internal software error

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E027 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 B181E028

**Explanation:** Internal software error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E101 B181E101

**Explanation:** The snoop string was found in the input data; a system reboot has been requested.

---

### B181E105 B181E105

**Explanation:** Failed to write to a general purpose I/O (GPIO) pin.

---

### B181E106 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 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 B181E108

**Explanation:** Internal software error communicating with the serial port.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E109 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 B181E10A

**Explanation:** Internal hardware error while trying to set the DTR signal on serial port 1 (while attempting UPS detection).

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E201 B181E201

**Explanation:** Error occurred during reboot attempt.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E202 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**    **B181E203**

**Explanation:** There was a failure when reading the registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E204**    **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**    **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**    **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**    **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**    **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**    **B181E311**

**Explanation:** Internal software error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E312**    **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**    **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**    **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**    **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**    **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.

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**B181E31D    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    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    B181E411**

**Explanation:** SURVserver daemon received a unexpected signal

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E425    B181E425**

**Explanation:** Failed to initialize a thread attribute.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E426    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    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    B181E428**

**Explanation:** An attempt to receive a client message failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E429    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.

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**B181E42F    B181E42F**

**Explanation:** Unable to synchronize; another instance of surveillance is already running.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E430    B181E430**

**Explanation:** Failure when creating a thread.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E432    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    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.

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**B181E437    B181E437**

**Explanation:** An error occurred when connecting to a daemon.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

**B181E438    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    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    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    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    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    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    B181E43F**

**Explanation:** An error occurred when attempting to write a registry value.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E440    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    B181E441**

**Explanation:** An error was returned from the mailbox function when attempting to notify the hypervisor of a change in a status flag.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E442    B181E442**

**Explanation:** A function received an invalid client name.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E443    B181E443**

**Explanation:** A function received an invalid client type.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E444    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 • B181E466

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### B181E445 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 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 B181E448

**Explanation:** Failed to create the gateway address to send the surveillance heartbeat to the primary service processor (or system controller).

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E449 B181E449

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E44A B181E44A

**Explanation:** An error occurred when sending data.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E451 B181E451

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E453 B181E453

**Explanation:** An attempt to bind the listening address failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E454 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 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 B181E458

**Explanation:** The reason for this error is stored in the userdata1 portion of the error log entry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E45B B181E45B

**Explanation:** An error occurred when creating an address.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E45D B181E45D

**Explanation:** An error was found in an address object.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E466 B181E466

**Explanation:** rdal\_psi\_open call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure



callouts detailed with the SRC to determine service actions.

---

**B181E467 B181E467**

**Explanation:** rdal\_psi\_wait call failed

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E468 B181E468**

**Explanation:** An error was returned.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E469 B181E469**

**Explanation:** A call to a function failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E46B 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 B181E46C**

**Explanation:** There was an FSI surveillance failure.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E46E B181E46E**

**Explanation:** A call to a function failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E46F B181E46F**

**Explanation:** A call to a function failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E470 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 B181E471**

**Explanation:** rdal\_psi\_close failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E472 B181E472**

**Explanation:** rdal\_mbx\_close failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E473 B181E473**

**Explanation:** There was a PSI ADAL first-failure-data-capture unlock failure.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E501 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 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

## B181E540 • B181E60A

callouts detailed with the SRC to determine service actions.

---

### B181E540 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 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 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 B181E580

**Explanation:** There was a failure in the service processor firmware.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E601 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 B181E602

**Explanation:** Unable to lock the sinkfile.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

### B181E604 B181E604

**Explanation:** netcSendRecv returned error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E606 B181E606

**Explanation:** An invalid major op was recieved from the service tags.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E607 B181E607

**Explanation:** Error while attempting to create a listening socket.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E608 B181E608

**Explanation:** Error returned by netsSend call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E609 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 callouts detailed with the SRC to determine service actions.

---

### B181E60A B181E60A

**Explanation:** The system call to initialize the thread parameters failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E60B B181E60B**

**Explanation:** A system call to initialize thread parameters failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E60C B181E60C**

**Explanation:** A system call to create a posix thread failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E60D B181E60D**

**Explanation:** An error was returned a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E60E B181E60E**

**Explanation:** An error occurred when creating a message queue.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E60F B181E60F**

**Explanation:** An invalid component type was received when attempting to create a handler thread.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E610 B181E610**

**Explanation:** Error returned by netcConnect call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E611 B181E611**

**Explanation:** The NectSendRecv call returned an error when communicating with the rmgrd daemon.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E612 B181E612**

**Explanation:** The netcClose call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E613 B181E613**

**Explanation:** Synchronization with server call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E614 B181E614**

**Explanation:** A call to bind returned an error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E615 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 B181E616**

**Explanation:** Error returned by netsConnectServer().

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E617 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 • B181E623

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### B181E618 B181E618

**Explanation:** An error was encountered while initializing mutex.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E619 B181E619

**Explanation:** Error encountered while locking mutex.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E61A B181E61A

**Explanation:** Error encountered while unlocking mutex.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E61B B181E61B

**Explanation:** Error returned by netsClose call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E61C B181E61C

**Explanation:** The daemon encountered an error while attempting to return error log data.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E61D B181E61D

**Explanation:** An unknown minor operation id received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E61E B181E61E

**Explanation:** An error was returned from the initialization routine.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E61F 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 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 B181E621

**Explanation:** An error was returned from inithread.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E622 B181E622

**Explanation:** An error was returned from the function call to set the service processor role to primary.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E623 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**    **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**    **B181E625**

**Explanation:** An invalid thread type has been sent by the caller.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E626**    **B181E626**

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E627**    **B181E627**

**Explanation:** A non-existent registry variable was sent.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E628**    **B181E628**

**Explanation:** The file that was requested for synchronization does not exist.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E629**    **B181E629**

**Explanation:** Error attempting to open file for reading.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E62A**    **B181E62A**

**Explanation:** Error returned when reading a file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E62B**    **B181E62B**

**Explanation:** Error while attempting write the registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E62C**    **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**    **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**    **B181E62E**

**Explanation:** Function returned error.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E62F**    **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**    **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 • B181E64B

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### B181E631 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 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 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 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 B181E635

**Explanation:** An error was encountered when attempting to signal a service processor role change event.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E636 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 B181E637

**Explanation:** An error was returned a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E638 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 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 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 B181E64A

**Explanation:** An invalid operation requested a function.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E64B 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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **B181E654**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E655**    **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**    **B181E656**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E657**    **B181E657**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E658**    **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 • B181E664

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### B181E659 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 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 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 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 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 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 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 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 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 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 B181E663

**Explanation:** A failover readiness check was requested.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E664 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.

---



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**B181E665**    **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**    **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**    **B181E667**

**Explanation:** An invalid IPL type was requested.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E669**    **B181E669**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E66B**    **B181E66B**

**Explanation:** The redundancy manager is determining the type of error that occurred during an administrative fail-over.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E66C**    **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**    **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**    **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**    **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**    **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**    **B181E679**

**Explanation:** An invalid operation requested the rconUtil function.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E684**    **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 • B181E6A5

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### B181E685 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 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 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 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 B181E68B

**Explanation:** The secondary service processor (or system controller) was asked to initiate a reset/reload.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E68D 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 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 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 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 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 B181E6A2

**Explanation:** rmgrrremote daemon received an unexpected signal.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E6A5 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.

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**B181E6A8 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 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 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 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 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 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 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 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 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 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.

---

**B181E6B4 B181E6B4**

**Explanation:** A system command to call ifconfig returned 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.

---

**B181E6B5 B181E6B5**

**Explanation:** A system command to call ifconfig did not complete without 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.

---

---

**B181E6B6 B181E6B6**

**Explanation:** An invalid operation target was provided for the library functions to 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.

---

**B181E6B7 B181E6B7**

**Explanation:** Redundancy is being 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.

---

**B181E6B8 B181E6B8**

**Explanation:** A log 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.

---

**B181E6B9 B181E6B9**

**Explanation:** Redundancy cannot be enabled if the system is not at standby if the request is 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.

---

**B181E6BA B181E6BA**

**Explanation:** An error was returned when joining a pthread.

**Response:** If this 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 B181E6BB**

**Explanation:** Informational message: redundancy 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.

---

**B181E6BC B181E6BC**

**Explanation:** Informational message: redundancy was 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.

---

**B181E6BD B181E6BD**

**Explanation:** A request was made to read from a registry that 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.

---

**B181E6C0 B181E6C0**

**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.

---

**B181E6C1 B181E6C1**

**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.

---

**B181E6C2 B181E6C2**

**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.

---

**B181E6C3 B181E6C3**

**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.

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**B181E6C4**    **B181E6C4**

**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.

---

**B181E6C5**    **B181E6C5**

**Explanation:** A synchronization 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.

---

**B181E6C6**    **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**    **B181E6C7**

**Explanation:** An emergency power off (EPO) 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**    **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**    **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**    **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**    **B181E6D1**

**Explanation:** An administrative failover to the secondary service processors not allowed at this time due to the state of the system.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E6D4**    **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.

---

**B181E6DE**    **B181E6DE**

**Explanation:** An error was returned from a remote deletion request

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E6DF**    **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**    **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.

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## B181E6E2 • B181E704

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### B181E6E2 B181E6E2

**Explanation:** A stream was requested on a file that is on the synchronization list.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E6E3 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 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 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 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 B181E6E9

**Explanation:** The secondary service processor (or system controller) was unable to communicate with the primary service processor (or system controller) for longer than one hour, and initiated a service processor failover to assume system management.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E6EB 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 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 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.

---

### B181E702 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 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 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**    **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**    **B181E706**

**Explanation:** An error was returned from deleting a file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E707**    **B181E707**

**Explanation:** An error was returned from util when opening a file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E708**    **B181E708**

**Explanation:** An undefined minor operation was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E709**    **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**    **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.

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**B181E70C**    **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**    **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**    **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**    **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**    **B181E710**

**Explanation:** An error was returned from a send data call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E711**    **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 B181E712

**Explanation:** An error occurred when opening a file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E713 B181E713

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E714 B181E714

**Explanation:** An error occurred when closing a file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E715 B181E715

**Explanation:** Unable to pack the registry into an empty buffer.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E716 B181E716

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E717 B181E717

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E718 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 B181E719

**Explanation:** A function call failed on a directory entry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E71A B181E71A

**Explanation:** An unsupported element was encountered during a directory synchronization.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E71B B181E71B

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E71C B181E71C

**Explanation:** An error was returned from a system call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E71D B181E71D

**Explanation:** An error was returned from a stream synchronization call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E71E B181E71E

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.



---

**B181E71F**    **B181E71F**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E720**    **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**    **B181E721**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E722**    **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**    **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**    **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**    **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**    **B181E726**

**Explanation:** A request was made to synchronize a file that exceeds the maximum buffer size.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E727**    **B181E727**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E728**    **B181E728**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E729**    **B181E729**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E72A**    **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 B181E72B

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E72C B181E72C

**Explanation:** An error was returned from rolling the buffer.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E72D 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 B181E72E

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E72F 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 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 B181E731

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure

callouts detailed with the SRC to determine service actions.

---

### B181E732 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 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 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 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 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 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 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 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 B181E73A**

**Explanation:** An error was returned from a p3 registry comparison.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E73B B181E73B**

**Explanation:** An error was returned from a p3 registry comparison.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E73C B181E73C**

**Explanation:** An error was returned when writing to the registry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E73D B181E73D**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E73E B181E73E**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E73F 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 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 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 B181E742**

**Explanation:** An error occurred when trying to delete a directory.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E743 B181E743**

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181E744 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 B181E745

**Explanation:** An error was returned from a function call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E746 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 B181E747

**Explanation:** An error was returned from util when attempting to seek.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E748 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 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 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 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 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 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 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 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 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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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 • B181E90F

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### B181E810 B181E810

**Explanation:** The reset was not valid.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181E811 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 B181EA01**

**Explanation:** An XREF session entry failure occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EA03 B181EA03**

**Explanation:** There was an XREF API failure.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EA04 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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.

---

**B181EA14 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 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 B181EA16**

**Explanation:** A failure occurred when trying to run a concurrent maintenance xml file.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EA17 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.

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**B181EA18 B181EA18**

**Explanation:** Failed to read the service processor role from the redundancy 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 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 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 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 B181EA1E**

**Explanation:** There was an XREF condition failure.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EA1F 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 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 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 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 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 B181EA24**

**Explanation:** Failure when creating a thread; aborting cmmssrv

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EA25 B181EA25**

**Explanation:** The command request had invalid concurrency.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

## B181EA26 • B181EA33

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### B181EA26 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 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 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 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 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 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 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 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 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 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 B181EA32

**Explanation:** There was an XREF HMC disconnection event.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EA33 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.

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**B181EA34 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 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 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 B181EA37**

**Explanation:** A concurrent maintenance operation was aborted while the Anchor 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 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 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.

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**B181EA3A 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 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 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 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 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 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.

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## B181EA40 • B181EA4E

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### B181EA40 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 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 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 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 B181EA45

**Explanation:** An error occurred when trying to check the power save mode.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EA46 B181EA46

**Explanation:** There was a failure in an API.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EA47 B181EA47

**Explanation:** There was a failure in an API.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EA48 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 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 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 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 B181EA4C

**Explanation:** The step is done.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EA4E 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 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 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 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 B181EA54**

**Explanation:** A failure occurred when disabling the PSI link.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EA55 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 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 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 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 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.

---

**B181EAFE 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 B181EAFF**

**Explanation:** Informational message: A concurrent maintenance operation was stopped.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF01 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 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

## B181EF03 • B181EF10

callouts detailed with the SRC to determine service actions.

---

### B181EF03 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 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 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 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 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 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 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 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 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 B181EF0E

**Explanation:** An error occurred when the service processor attempted to notify the operating system that a service processor dump had been deleted.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EF0F 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 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.

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**B181EF11**    **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**    **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**    **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**    **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**    **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**    **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.

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**B181EF1A**    **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**    **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**    **B181EF26**

**Explanation:** An error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF28**    **B181EF28**

**Explanation:** An error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF2B**    **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**    **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.

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### B181EF2E 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 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 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 B181EF33

**Explanation:** An error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EF34 B181EF34

**Explanation:** An error occurred while collecting a service processor dump.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EF36 B181EF36

**Explanation:** An error occurred while collecting a service processor dump.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EF38 B181EF38

**Explanation:** An error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EF3E 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 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 B181EF42

**Explanation:** An error occurred while collecting a service processor dump.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EF44 B181EF44

**Explanation:** An error occurred while collecting a service processor dump.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EF45 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 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 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 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 B181EF4B**

**Explanation:** An error occurred while collecting a service processor dump.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF4C 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 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 B181EF52**

**Explanation:** An error occurred while collecting a service processor dump.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF53 B181EF53**

**Explanation:** An error occurred.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF54 B181EF54**

**Explanation:** The service processor dump failed because there was not enough room left to store it.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF56 B181EF56**

**Explanation:** An error occurred while processing a dump file

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF5A 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 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 • B181EF6C

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### B181EF5C 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 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 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 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 B181EF62

**Explanation:** A service processor dump operation did not complete

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EF65 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 B181EF66

**Explanation:** An error occurred while collecting a service processor dump.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EF67 B181EF67

**Explanation:** An error occurred while collecting a service processor dump.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EF69 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 B181EF6A

**Explanation:** An error occurred while collecting a service processor dump.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EF6B B181EF6B

**Explanation:** An error occurred while processing a dump.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EF6C 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.

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**B181EF6D 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 B181EF6E**

**Explanation:** An error occurred

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF71 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 B181EF73**

**Explanation:** An error occurred while collecting a service processor dump.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF75 B181EF75**

**Explanation:** An error occurred while collecting a service processor dump.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF79 B181EF79**

**Explanation:** An error occurred while collecting a service processor dump.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF7A B181EF7A**

**Explanation:** An error occurred while retrieving a dump

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF7B 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 B181EF7C**

**Explanation:** A dump was attempted when another dump was in progress.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF7D B181EF7D**

**Explanation:** An error occurred

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF7E B181EF7E**

**Explanation:** An error occurred

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF7F B181EF7F**

**Explanation:** An error occurred

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EF83 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

## B181EF84 • B181EF9B

callouts detailed with the SRC to determine service actions.

---

### B181EF84 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 B181EF86

**Explanation:** An error occurred while collecting a service processor dump.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EF87 B181EF87

**Explanation:** An error occurred while collecting a service processor dump.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EF88 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 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 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 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 B181EF8F

**Explanation:** An error occurred

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EF90 B181EF90

**Explanation:** An error occurred while attempting to delete a service processor dump.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181EF91 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 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 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 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 B181EF9E**

**Explanation:** An invalid ID was found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181EFA0 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 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 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 B181F004**

**Explanation:** A hardware unit dump request was received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181F005 B181F005**

**Explanation:** A system dump collection request was received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181F007 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.

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**B181F008 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 B181F009**

**Explanation:** The MDRT source and destination tables are incorrect.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181F00A 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 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 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 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

## B181F00E • B181F01C

callouts detailed with the SRC to determine service actions.

---

### B181F00E 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 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 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 B181F011

**Explanation:** The dump is not complete and cannot be extracted.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181F012 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 B181F014

**Explanation:** A dump collection is already in progress.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181F016 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 B181F018

**Explanation:** The dump request is rejected because a system dump is already present.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181F019 B181F019

**Explanation:** Dump was disabled by a manufacturing flag.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181F01A 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 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 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**    **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**    **B181F01E**

**Explanation:** An error was returned from the staffs call.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181F01F**    **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**    **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**    **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**    **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**    **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**    **B181F024**

**Explanation:** The hardware unit dump collection was told to abort.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181F025**    **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**    **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**    **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**    **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.

---

## B181F0E0 • B181F0EC

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### B181F0E0 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 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 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 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 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 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 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 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 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 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 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 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.

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**B181F0ED 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 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 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 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 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 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 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 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 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 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 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 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.

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## B181F102 • B181F10F

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### B181F102 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 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 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 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 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 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 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 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 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 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 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 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 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 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    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    B181F112**

**Explanation:** Call to statfs() failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181F113    B181F113**

**Explanation:** PCS usage has reached 90%.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181F114    B181F114**

**Explanation:** PCS usage has reached 80%.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181F115    B181F115**

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181F116    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    B181F119**

**Explanation:** The user specified a link, or CFAM, but not both.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181F11A    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    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    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    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    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    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

## B181F126 • B181F206

callouts detailed with the SRC to determine service actions.

---

### B181F126 B181F126

**Explanation:** An internal error occurred when checking the health of the flash memory on the service processor. This may or may not indicate a degradation of the flash memory performance. Check the details of the error log entry.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181F127 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 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 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 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 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 B181F201

**Explanation:** A PSI error has been detected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181F202 B181F202

**Explanation:** Invalid HOM node information was received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181F203 B181F203

**Explanation:** A function call failed.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181F204 B181F204

**Explanation:** An invalid PSI device was received.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181F205 B181F205

**Explanation:** GXHBC was not found.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

### B181F206 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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **B181F20E**

**Explanation:** A PSI error has been detected.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B181F20F**    **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**    **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.

---

**B182104C**    **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**    **B182104D**

**Explanation:** The CEC side is not configured properly.

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1828438**    **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    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    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    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    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    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    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    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    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    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    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    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    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**    **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**    **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**    **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**    **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**    **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**    **B1829513**

**Explanation:** The hypervisor is garding 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**    **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**    **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**    **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**    **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**    **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**    **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    B182951F**

**Explanation:** In a system with redundant service processors, the secondary service processor is not booting with the primary service processor

**Response:** If this is a tracking event, no service actions are required. Otherwise, use the FRU and procedure callouts detailed with the SRC to determine service actions.

---

**B1829523    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    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    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    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    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    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    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    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    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    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**    **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**    **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**    **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**    **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**    **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**    **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.

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**B182E540**    **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**    **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 callouts detailed with the SRC to determine service actions.

---

**B182E560**    **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**    **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**    **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**    **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.

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**B1852708 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 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 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.

---

**B18527C0 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 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 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 B1868C08**

**Explanation:** The version value sent in the message doesn't to 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 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 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 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 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 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.

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**B1868C57**    **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**    **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**    **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**    **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**    **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**    **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.

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**B1878408**    **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**    **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**    **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**    **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**    **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**    **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.

---

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**B187E560 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 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 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 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 B1A38438**

**Explanation:** BOOTP: Discovering the server timed out.

**Response:** Refer to partition firmware progress codes using code CA00E174.

**Failing Item:**

- FWHOST

---

**B1A38B24 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 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 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 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 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 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 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 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 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.

---

### B2001020    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

---

### B2001130    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    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    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.

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    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    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.

## B2001140 • B2001170

### Failing Item:

- NEXTLVL

---

#### B2001140 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 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 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 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 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 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 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 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

---

#### B2001170 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



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**B2001225**    **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**    **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**    **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
- 

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**B2001265**    **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.

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**    **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**    **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**    **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
-

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**B2001282    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    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    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    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    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    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    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    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

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**B2002058    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 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 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 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 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 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 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 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 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 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:**

## B2002475 • B2003113

- NEXTLVL

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### B2002475 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 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

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### B2003000 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 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 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

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### B2003088 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.

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### B200308C 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 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

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### B2003105 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 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 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    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

**B2003120    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    B2003123**

**Explanation:** System log entry only, no service action required

**B2003125    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    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    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    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    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    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    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    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    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    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    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.

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**B2004158    B2004158**

**Explanation:** A problem occurred during the IPL of a partition.

**Response:** The partition ID is in extended word one as LP=xxx in decimal format.

This error indicates a failure during a search for the load source. It is usual for a number of these failures to occur prior to finding a valid load source. This is normal.

Look for SRCs in the Serviceable Event View logged at the time the partition was performing an IPL.

If a B2xx3110 error is logged, a B2xx3200 may be posted to the control panel. Work the B2xx3110 error in the Serviceable Event View.

If the system IPL hangs at B2xx3200 and you cannot check the SRC history, perform the actions indicated for the B2xx3110 SRC.

If there are other SRCs in the Serviceable Event View, then work those errors.

If this SRC is posted on the control panel and there are no other SRCs listed in the Serviceable Event View, then perform LICIP15.

---

**B2004400    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**    **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**    **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**    **B2005114**

**Explanation:** A problem occurred during the IPL of a partition.

**Response:** The partition ID is in extended word one as LP=xxx in decimal format. There is not enough space to contain the partition main storage dump. Contact your next level of support.

**Failing Item:**

- NEXTLVL
- 

**B2005115**    **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**    **B2005117**

**Explanation:** A problem occurred during the IPL of a partition.

**Response:** The partition ID is in extended word one as LP=xxx in decimal format. A partition main storage dump has occurred but cannot be written to the load source device because a valid dump already exists.

Use the Main Storage Dump Manager to rename or copy the current main storage dump.

**Failing Item:**

- SVCDOCS
- 

**B2005121**    **B2005121**

**Explanation:** A problem occurred during the IPL of a partition.

**Response:** The partition ID is in extended word one as LP=xxx in decimal format. There was an error writing the partition's main storage dump to the partition's load source.

**Failing Item:**

- NEXTLVL
- 

**B2005122**    **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**    **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**    **B2005127**

**Explanation:** Timeout occurred during a main store dump IPL

**Response:** There was not enough memory available for the dump to complete before the timeout occurred. The partition is currently in a failed state. Retry the MSD IPL, or else power on the partition normally.

**Failing Item:**

- SVCDOCS
-

---

**B2005135 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 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 B2005145**

**Explanation:** A problem occurred during the IPL of a partition.

**Response:** The partition ID is in extended word one as LP=xxx in decimal format. There was an error writing the partition's main storage dump to the partition's load source.

**Failing Item:**

- NEXTLVL
- 

**B2005148 B2005148**

**Explanation:** A problem occurred during the IPL of a partition.

**Response:** The partition ID is in extended word one as LP=xxx in decimal format. An error occurred while doing a main storage dump that would have caused another main storage dump.

Contact your next level of support.

**Failing Item:**

- NEXTLVL
- 

**B2005149 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 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 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 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 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 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 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 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

**B2006003 B2006003**

**Explanation:** Firmware for the specified function cannot be loaded. The firmware resource and all associated virtual and/or physical devices will not be available until the issue is resolved.

**Response:** Generate a PHYP and FSP dump and contact the next level of support.

**Failing Item:**

- NEXTLVL

**B2006006 B2006006**

**Explanation:** A problem occurred during the IPL of a partition.

**Response:** The partition ID is in extended word one as LP=xxx in decimal format. A platform LIC error occurred when the partition's memory initialized. The IPL will not continue.

Contact your next level of support.

**Failing Item:**

- NEXTLVL

**B2006008 B2006008**

**Explanation:** During the IPL of the partition, an error was detected while trying to setup the partition for firmware use. The IPL of the partition will not continue.

**Failing Item:**

- LICCODE

**B2006009 B2006009**

**Explanation:** An active memory sharing partition is attempting to use a paging space device for which it does not have ownership.

**Response:** N/A

**Problem determination:** Verify that the paging space device is not in use by another CEC, and then follow the instructions below to initialize the paging space device. 1) Power off the partition. 2) Verify that the paging device is not currently in another CEC's Reserved Pool. 3) Clear the paging space header of the hdisk assigned to the partition. 4) Remove the paging space from the Reserved Pool. 5) Add the just removed paging space back into the Reserved Pool. 6) Activate the partition. If this does not resolve the problem, contact your next level of support.

**Failing Item:**

- SVCDOCS

**B200600A 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

**B2006012 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 • B2008105

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### B2006015 B2006015

**Explanation:** A problem occurred during the IPL of a partition.

**Response:** The partition ID is in extended word one as LP=xxx in decimal format.

The load source media is corrupted or not valid.

**Failing Item:**

- LSERROR

---

### B2006025 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 B2006027

**Explanation:** A problem occurred during the IPL of a partition.

**Response:** The partition ID is in extended word one as LP=xxx in decimal format.

A failure occurred when allocating memory for an internal object used for LID load operations. Ensure the partition was allocated enough main storage, verify that no memory leaks are present, and then retry the operation.

**Failing Item:**

- NEXTLVL

---

### B2006110 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

---

### B200690A 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 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 B2008080

**Explanation:** System log entry only, no service action required

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### B2008081 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:**

- LICCODE

---

### B2008105 B2008105

**Explanation:** A problem occurred during the IPL of a partition.

**Response:** The partition ID is in extended word one as LP=xxx in decimal format. There was a failure loading the VPD areas of the partition. Possible causes are:

- Corrupted/unsupported load source media
- Insufficient resources allocated to the partition
- Unsupported partition configuration by the operating system

If the problem is due to media, replace the load source media. If the problem is due to insufficient resources, allocate enough resources to the partition. If the problem is due to unsupported partition configuration, correct the partition configuration.

**Failing Item:**

- SVCDOCS

---

**B2008106**    **B2008106**

**Explanation:** A problem occurred during the IPL of a partition.

**Response:** The partition ID is in extended word one as LP=xxx in decimal format.

The IPL is terminated. Contact your next level of support.

**Failing Item:**

- NEXTLVL
- 

**B2008107**    **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**    **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**    **B2008111**

**Explanation:** A problem occurred during the IPL of a partition.

**Response:** The partition ID is in extended word one as LP=xxx in decimal format.

Contact your next level of support.

**Failing Item:**

- NEXTLVL
- 

**B2008112**    **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
- 

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**B2008113**    **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**    **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**    **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
- 

**B2008117**    **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**    **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:**

## B2008123 • B2008144

- NEXTLVL

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### B2008123 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

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### B2008125 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 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 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

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### B200813A 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 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 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 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 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 B2008144

**Explanation:** System log entry only, no service action required

**Response:** A problem occurred during the IPL of a

partition. The IPL continued without all available processor information.

The partition ID is in extended word one as LP=xxx in decimal format.

---

**B2008145      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.

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**B2008150      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      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

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**B2008152      B2008152**

**Explanation:** No active system processors

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

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**B2008153      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

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**B2008160      B2008160**

**Explanation:** A problem occurred during the migration of a partition

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

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**B2008161      B2008161**

**Explanation:** A problem occurred during the migration of a partition

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

**B200A100      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

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**B200A101      B200A101**

**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

---

**B200A140 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 B200B07B**

**Explanation:** System log entry only, no service action required

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**B200B215 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

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**B200C1F0 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

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**B200D150 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

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**B200E0AA 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

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**B200F001 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

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**B200F003 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**    **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**    **B200F005**

**Explanation:** System log entry only, no service action required

**Response:** The partition ID is in extended word one as LP=xxx in decimal format. The partition did not respond to a system request to power off the partition.

---

**B200F006**    **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 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**    **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

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**B200F008**    **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**    **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**    **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.

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**B200F00B**    **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.

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**B200F00C**    **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**    **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.

## B2D03001 • B2D03002

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### B2D03001 B2D03001

**Explanation:** VSP-initiated RSCDUMP of RPA partition's PFW content.

**Response:** No service action required.

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### B2D03002 B2D03002

**Explanation:** VSP-initiated RSCDUMP of IBM i partition's SLIC bootloder and PFW content.

**Response:** No service action required.



---

## (B3xx) Reference codes

These error codes indicate a problem in the connection monitoring between the management console and a partition that is running on the managed system.

The management console logs these error codes but does not report them to the operating systems running on the managed system.

---

**B3010001**    **B3010001**

**Explanation:** Hardware Management Console (HMC) or partition connection monitoring fault

**Failing Item:**

- NEXTLVL

**Explanation:** HMC or partition connection monitoring fault.

**Failing Item:**

- NEXTLVL

---

**B3010002**    **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

---

**B3010020**    **B3010020**

**Explanation:** HMC or partition connection monitoring fault.

**Failing Item:**

- NEXTLVL

---

**B3010023**    **B3010023**

**Explanation:** HMC or partition connection monitoring fault.

**Failing Item:**

- NEXTLVL

---

**B3010004**    **B3010004**

**Explanation:** Hardware Management Console (HMC) or partition connection monitoring fault

**Failing Item:**

- NEXTLVL

---

**B3010025**    **B3010025**

**Explanation:** HMC or partition connection monitoring fault.

**Failing Item:**

- NEXTLVL

---

**B3010012**    **B3010012**

**Explanation:** HMC or partition connection monitoring fault.

**Failing Item:**

- NEXTLVL

---

**B3010026**    **B3010026**

**Explanation:** HMC or partition connection monitoring fault.

**Failing Item:**

- NEXTLVL

---

**B3010013**    **B3010013**

**Explanation:** HMC or partition connection monitoring fault.

**Failing Item:**

- NEXTLVL

---

**B3010027**    **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 B3010029

**Explanation:** HMC or partition connection monitoring fault.

**Failing Item:**

- NEXTLVL

---

### B301002B B301002B

**Explanation:** HMC or partition connection monitoring fault.

**Failing Item:**

- NEXTLVL

---

### B301002C B301002C

**Explanation:** HMC or partition connection monitoring fault.

**Failing Item:**

- NEXTLVL

---

### B301002D B301002D

**Explanation:** HMC or partition connection monitoring fault.

**Failing Item:**

- NEXTLVL

---

### B3020001 B3020001

**Explanation:** Hardware Management Console (HMC) or partition connection monitoring fault

**Response:** Before using the entry in the Failing Items column, 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 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

---

### B3030001 B3030001

**Explanation:** The communication link between the service processor and the Hardware Management Console (HMC) failed.

**Response:**

**Note:** Perform FSPSP33 . 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 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 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      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      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      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      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      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      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
- HMCMTWK

## B303000A • B303000F

---

### B303000A B303000A

**Explanation:** The HMC lost links to all managed systems.

**Response:** Perform FSPSP33 .

**Note:** This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

**Failing Item:**

- SPNETWK

---

### B303000B 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 B303000C

**Explanation:** Multiple HMCs lost links to multiple managed systems.

**Response:** Perform FSPSP33 .

**Note:** This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

**Failing Item:**

- SPNETWK
- HMCMTWK

---

### B303000D B303000D

**Explanation:** Multiple HMCs lost links to multiple managed systems.

**Response:** Perform FSPSP33 .

**Note:** This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

**Failing Item:**

- SPNETWK
- HMCMTWK

---

### B303000E B303000E

**Explanation:** The Network Interface Card (NIC) failed.

**Response:** Use the error codes offered in the HMC Focal Point to diagnose and repair the problem. For more information, see *Using Service Focal Point* .

**Note:** This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

**Failing Item:**

- SYSNTWK

---

### B303000F B303000F

**Explanation:** A single partition HMC link failure occurred on a redundant path.

**Response:** Perform FSPSP33 .

**Note:** This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

**Failing Item:**

- SPNETWK
- PTNNTWK

---

**B3030010**    **B3030010**

**Explanation:** A single HMC link to one HMC failure occurred on a redundant path.

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**B3030011**    **B3030011**

**Explanation:** Server firmware connection monitoring to the flexible service processor failed.

**Response:** Perform FSPSP33 .

**Note:** This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

**Failing Item:**

- SPNETWK

---

**B3030012**    **B3030012**

**Explanation:** Flexible service processor connection monitoring of server firmware failed

**Response:** Perform FSPSP33 .

**Note:** This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

**Failing Item:**

- SPNETWK

---

**B3030013**    **B3030013**

**Explanation:** The communication path (mailbox) between server firmware and the flexible service processor failed.

**Response:** Perform FSPSP33 .

**Note:** This error might be a temporary condition caused by either the HMC or the system that the HMC is connected, being shutdown, restarted, upgraded or other intermittent conditions. While attempts are made to only report these errors when a connection has been lost. It is important to follow the procedures in the symbolic FRU list to determine if there is still a connection problem and how to resolve the issue.

**Failing Item:**

- SPNETWK

- MAILBOX

---

**B3031000**    **B3031000**

**Explanation:** Customer reported a console problem when creating a serviceable event on the HMC user interface.

**Response:** Contact the customer for more information about the problem.

---

**B3031001**    **B3031001**

**Explanation:** Customer reported a power problem when creating a serviceable event on the HMC user interface.

**Response:** Contact the customer for more information about the problem.

---

**B3031002**    **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**    **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**    **B3031004**

**Explanation:** Customer reported a software problem when creating a serviceable event on the HMC user interface.

**Response:** Contact the customer for more information about the problem.

---

**B3031005**    **B3031005**

**Explanation:** Customer reported a input/output (I/O) problem when creating a serviceable event on the HMC user interface.

**Response:** Contact the customer for more information about the problem.

---

**B3031006**    **B3031006**

**Explanation:** Customer reported a problem when creating a serviceable event on the HMC user interface.

**Response:** Contact the customer for more information about the problem.

---

**B3031007    B3031007**

**Explanation:** Customer tested problem reporting by creating a serviceable event on the HMC user interface.

**Response:** Contact the customer for more information about the problem.

---

**B3031100    B3031100**

**Explanation:** Customer reported a problem when creating a serviceable event on the HMC user interface.

**Response:** Contact the customer for more information about the problem.

---

**B3031101    B3031101**

**Explanation:** Customer reported a power problem when creating a serviceable event on the HMC user interface.

**Response:** Contact the customer for more information about the problem.

---

**B3031102    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    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    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    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    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    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    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    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**    **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**    **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**    **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**    **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**    **B3100011**

**Explanation:** The DVD RW drive or disk has failed.

---

**B3100500**    **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**    **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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**B400003**    **B400003**

**Explanation:** An attempt to setup an I/O mapping with the Hypervisor has failed.

---

**B4000100**    **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**    **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**    **B4000102**

**Explanation:** The directory is full and a new entry could not be added.

---

**B4000201**    **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**    **B4000202**

**Explanation:** An unrecoverable assert has occurred.

**Response:** Collect a resource dump for the firmware resource that logged the error.

**Failing Item:**

- SVCDOCS

---

**B4003004**    **B4003004**

**Explanation:** Firmware initiated LPADUMP

---

**B4008001**    **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**    **B4008101**

**Explanation:** Not all error tracing sessions could be instantiated.

---

**B4008102**    **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**    **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**    **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**    **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**    **B400A0A0**

## B400A0A1 • B400B004

**Explanation:** An invalid command was received by the management channel.

---

### B400A0A1 B400A0A1

**Explanation:** Debug output failed to be sent to the Hypervisor.

---

### B400A0A2 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 B400B001

**Explanation:** The Virtual Trusted Platform Module (VTPM) could not seed its Pseudo-Random Number Generator (PRNG).

**Response:** Collect a resource dump for the firmware resource that logged the error.

**Failing Item:**

- SVCDOCS
- 

### B400B002 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 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 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

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## (B6xx) Reference codes

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**B6000000**    **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**    **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**    **B6000103**

**Explanation:** Main storage dump must be copied for service

**Failing Item:**

- LICIP01

---

**B6000104**    **B6000104**

**Explanation:** Terminate Immediate reference code is bad

**Failing Item:**

- LICIP08
- AJDG301

---

**B6000105**    **B6000105**

**Explanation:** More than one request to terminate the system was issued

**Failing Item:**

- LICIP08
- AJDG301

---

**B6000106**    **B6000106**

**Explanation:** Terminate Immediate data is not valid

**Failing Item:**

- LICIP08
- AJDG301

---

**B6000107**    **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**    **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**    **B6000202**

**Explanation:** Unrecoverable read error

**Response:** Restore the Licensed Internal Code using Utilities to install and restore IBM i Licensed Internal Code.

---

**B6000210**    **B6000210**

**Explanation:** The system ASP has run out of disk storage.

**Response:** The out of storage condition in the system ASP can be caused by an allocation failure in some other system software. This could be a looping condition that continues to allocate storage. Contact your service representative for assistance with the Main Storage Dump.

---

**B6000231**    **B6000231**

## B6000232 • B6000308

**Explanation:** Disk sanitize action completed successfully

**Response:** No service action required. This entry is logged for information only.

---

### B6000232 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 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 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 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 B6000299

**Explanation:** Informational LIC state SRC.

---

### B6000302 B6000302

**Explanation:** Recursion in exception handler

**Failing Item:**

- LICIP08
- AJDG301

---

### B6000304 B6000304

**Explanation:** Component specific exception handler return code not valid

**Failing Item:**

- LICIP08
- AJDG301

---

### B6000305 B6000305

**Explanation:** Exception while storage management lock is held

**Failing Item:**

- LICIP08
- AJDG301

---

### B6000307 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 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**    **B6000317****Explanation:** Traceback for code not found**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000323**    **B6000323****Explanation:** LIC exception code detected a problem**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000324**    **B6000324****Explanation:** LIC exception code detected a problem**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000325**    **B6000325****Explanation:** LIC exception code detected a problem**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000326**    **B6000326****Explanation:** LIC exception code detected a problem**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000327**    **B6000327****Explanation:** LIC exception code detected a problem**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000328**    **B6000328****Explanation:** LIC exception code detected a problem**Failing Item:**

- LICIP08
  - AJDG301
- 

---

**B6000329**    **B6000329****Explanation:** LIC exception code detected a problem**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000333**    **B6000333****Explanation:** A branch to a bad address was attempted**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000334**    **B6000334****Explanation:** Exception Handler could not be removed**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000335**    **B6000335****Explanation:** Code resumed to not valid address following exception**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000336**    **B6000336****Explanation:** LIC exception code detected a problem**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000401**    **B6000401****Explanation:** A machine check occurred during IPL**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000402**    **B6000402****Explanation:** A machine check occurred during authority initialization**Failing Item:**

- LICIP08
  - AJDG301
-

## B6000403 • B6000418

---

**B6000403**    **B6000403**

**Explanation:** Unhandled exception during IPL or install

**Failing Item:**

- LICIP08
- AJDG301

---

**B6000405**    **B6000405**

**Explanation:** Unhandled exception in authority recovery

**Failing Item:**

- LICIP08
- AJDG301

---

**B6000406**    **B6000406**

**Explanation:** Unhandled exception in data base recovery

**Failing Item:**

- LICIP08
- AJDG301

---

**B6000407**    **B6000407**

**Explanation:** Unhandled exception in data base initialization

**Failing Item:**

- LICIP08
- AJDG301

---

**B6000408**    **B6000408**

**Explanation:** Unhandled exception in journal recovery

**Failing Item:**

- LICIP08
- AJDG301

---

**B6000409**    **B6000409**

**Explanation:** Unhandled exception in journal synchronization

**Failing Item:**

- LICIP08
- AJDG301

---

**B6000410**    **B6000410**

**Explanation:** Unhandled exception in journal clean up

**Failing Item:**

- LICIP08
- AJDG301

---

**B6000411**    **B6000411**

**Explanation:** Unhandled exception in commit recovery

**Failing Item:**

- LICIP08
- AJDG301

---

**B6000412**    **B6000412**

**Explanation:** Unhandled exception in commit initialization

**Failing Item:**

- LICIP08
- AJDG301

---

**B6000413**    **B6000413**

**Explanation:** Rebuild of recovery object index failed

**Failing Item:**

- LICIP08
- AJDG301

---

**B6000414**    **B6000414**

**Explanation:** Install of operating system failed on read from media

**Failing Item:**

- LICIP08
- FI00300

---

**B6000415**    **B6000415**

**Explanation:** Create user profile failed

**Failing Item:**

- LICIP08
- AJDG301

---

**B6000417**    **B6000417**

**Explanation:** Initiating the initial process failed

**Failing Item:**

- LICIP08
- AJDG301

---

**B6000418**    **B6000418**

**Explanation:** The information loaded from the install media is not valid

**Failing Item:**

- LICIP08
  - AJDG301
-

---

**B6000419**    **B6000419**

**Explanation:** The information loaded from the install media is not valid

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000420**    **B6000420**

**Explanation:** The information loaded from the install media is not valid

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000421**    **B6000421**

**Explanation:** Bad return code creating a queue or message

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000422**    **B6000422**

**Explanation:** The Load/Dump command failed

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000439**    **B6000439**

**Explanation:** Opening the IPCF connection failed

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000440**    **B6000440**

**Explanation:** Termination code is not valid

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000441**    **B6000441**

**Explanation:** Power off system command failed

**Failing Item:**

- LICIP08
  - AJDG301
- 

---

**B6000443**    **B6000443**

**Explanation:** Programmed IPL command failure

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000446**    **B6000446**

**Explanation:** Error during machine termination

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000447**    **B6000447**

**Explanation:** Failure to reach MI boundary

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000449**    **B6000449**

**Explanation:** Exception in MI boundary manager

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000506**    **B6000506**

**Explanation:** Attempt to destroy a task with critical flag on

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6000507**    **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:**

## B6000607 • B6001103

- LICIP08
- AJDG301

---

### B6000607 B6000607

**Explanation:** Maximum stack size exceeded in process or task

**Failing Item:**

- LICIP08
- AJDG301

---

### B6000620 B6000620

**Explanation:** Event management index is not usable

**Failing Item:**

- LICIP08
- AJDG301

---

### B6000650 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 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 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 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 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 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 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 B6001001

**Explanation:** Enqueuing a task to the TDQ which is already enqueued on TDQ

**Failing Item:**

- LICIP08
- AJDG301

---

### B6001103 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**    **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**    **B6001201**

**Explanation:** Critical database segment could not be created

**Failing Item:**

- LICIP08
- AJDG301

---

**B6001204**    **B6001204**

**Explanation:** Error in constraint enforcement

**Failing Item:**

- LICIP08
- AJDG301

---

**B6001210**    **B6001210**

**Explanation:** Object not found in the in-use table

**Failing Item:**

- LICIP08
- AJDG301

---

**B6001215**    **B6001215**

**Explanation:** Error in critical code sequence

**Failing Item:**

- LICIP08
- AJDG301

---

**B6001219**    **B6001219**

**Explanation:** A back leveled driver has been detected

**Failing Item:**

- LICIP08
- AJDG301

---

**B6001604**    **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**    **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**    **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**    **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**    **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 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 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 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 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 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 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 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 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 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
-

---

**B6004700**    **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**    **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**    **B6004703**

**Explanation:** Processor On Demand error detected.

**Response:** Processor On Demand Serialization has failed during IPL.

Contact your service provider.

**Failing Item:**

- AJDG301
- 

**B6004710**    **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**    **B6004712**

**Explanation:** Processor On Demand error detected.

**Response:** Correct any Processor Capacity card or SPCN failures.

**Failing Item:**

- CTLPNCD
- 

**B6004713**    **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**    **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**    **B6004715**

**Explanation:** Processor On Demand error detected.

**Response:** Correct any Processor Capacity card or SPCN failures.

**Failing Item:**

- CTLPNCD
- 

**B6004730**    **B6004730**

**Explanation:** Processor On Demand error detected.

**Response:** Processor On Demand standby processors are in use.

Contact your service provider.

**Failing Item:**

- AJDG301
- 

**B6004731**    **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**    **B6004733**

**Explanation:** Processor On Demand error detected.

**Response:** Contact your service provider.

**Failing Item:**

- AJDG301

## B6004740 • B6005007

---

**B6004740**    **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**    **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**    **B6004745**

**Explanation:** Processor Capacity card replaced on activated POD system.

**Response:** Contact IBM Support to order a replacement Processor On Demand activation code.

---

**B6004747**    **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**    **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**    **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**    **B6005003**

**Explanation:** Service program failed

**Response:** The ASCII system console failed to respond.

**Failing Item:**

- FI00320
- FI00602
- USER
- AJDG301
- FI00380

---

**B6005004**    **B6005004**

**Explanation:** DST console failed to respond

**Response:** The system console failed to respond.

**Failing Item:**

- RTRIP02
- FI00320
- FI00602
- USER
- AJDG301
- FI00380

---

**B6005005**    **B6005005**

**Explanation:** Service program failed

**Response:** The workstation adapter system console failed to respond.

**Failing Item:**

- WSAIP01
- FI00320
- FI00602
- USER
- AJDG301
- FI00380

---

**B6005007**    **B6005007**

**Explanation:** Service program failed

**Response:** The workstation adapter console failed to respond.

**Failing Item:**

- RTRIP07
- FI00320
- FI00602
- USER

- AJDG301
- FI00380

---

**B6005008      B6005008**

**Explanation:** DST console failed to respond

**Response:**

**Failing Item:**

- OPCIP03
- FI00719

---

**B6005010      B6005010**

**Explanation:** IPL service function ended abnormally

**Failing Item:**

- LICIP04
- AJDG301

---

**B6005014      B6005014**

**Explanation:** DST status. The Storage Management Dual Path Information Screen option to dump data to a PAL has completed successfully.

---

**B6005015      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      B6005082**

**Explanation:** DST lost contact with the console

**Response:** A service program lost contact with the system console.

**Failing Item:**

- RTRIP03
- AJDG301
- USER

---

**B6005083      B6005083**

**Explanation:** IPL service function ended abnormally

**Response:** A service program lost contact with the system console.

**Failing Item:**

- TWSIP01
- AJDG301
- USER

---

**B6005090      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      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      B6005094**

**Explanation:** IASP detected a failure during the vary on operation

**Failing Item:**

- LICIP12

---

**B60050FF      B60050FF**

**Explanation:** DST unrecoverable program error

**Failing Item:**

- LICIP03
- AJDG301
- FI00380

---

**B6005120      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.

## B6005121 • B6005192

Otherwise, perform the procedure indicated in the failing item list.

### Failing Item:

- LICIP01
- AJDG301
- FI00130

---

### B6005121 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 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 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

---

### B6005126 B6005126

**Explanation:** Addressed device failed to respond to selection

### Failing Item:

- DISKDRV
- STORIOA
- DISKTRY

- FI01106
- FI01140
- FI01141
- DEVTERM
- BACKPLN

---

### B6005127 B6005127

**Explanation:** IOP timed out a disk command

### Failing Item:

- DISKDRV
- STORIOA
- FI01106
- DISKTRY
- FI01140
- FI01141
- DEVTERM
- BACKPLN

---

### B6005128 B6005128

**Explanation:** I/O processor failure

### Failing Item:

- FI01112
- FI01107

---

### B600512D 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 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

---

### B6005192 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      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      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      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      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      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.

**Failing Item:**

- FI00310
- FI00318
- FI00065
- FI00130
- AJDG301

**B6005275      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      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.

**Failing Item:**

- RTRIP08
- AJGLD01
- AJDG301
- FI00021

---

**B6005310    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    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    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    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    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    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    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    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    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    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**    **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**    **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**    **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**    **B6005555**

**Explanation:** SLIC I/O DASD subsystem error recovery in progress.

---

**B6005600**    **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**    **B6006900**

**Explanation:** System bus error

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

**B6006901**    **B6006901**

**Explanation:** Bus Expansion Adapter card failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

**B6006902**    **B6006902**

**Explanation:** Bus Expansion Adapter card failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

**B6006905**    **B6006905**

**Explanation:** Optical bus failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

**B6006906**    **B6006906**

**Explanation:** High Speed Link (HSL) 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

---

**B6006907      B6006907**

**Explanation:** High Speed Link (HSL) 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      B6006908**

**Explanation:** High Speed Link (HSL) 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      B6006909**

**Explanation:** High Speed Link (HSL) 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      B600690A**

**Explanation:** Associated adapter not found in this partition

**Failing Item:**

- LICIP16

---

**B6006910      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**    **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.

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**    **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**    **B6006960**

**Explanation:** Multi-adapter 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**    **B6006961**

**Explanation:** Multi-adapter 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**    **B6006962**

**Explanation:** Multi-adapter 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**    **B6006963**

**Explanation:** Multi-adapter bridge card slot error, do not use card slot

**Response:** Power control failure, do not use slot.

## B6006964 • B6006967

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 SLOERR 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:

- SLOERR
- MASBUS

---

### B6006964 B6006964

**Explanation:** Multi-adapter bridge configuration change or error

**Response:** One of several errors or configuration problems has occurred under a Multi-adapter 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 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 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 B6006965

**Explanation:** Multi-adapter 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. 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 B6006966

**Explanation:** Multi-adapter bridge configuration change or error

**Response:** I/O processor removed from multi-adapter 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 B6006967

**Explanation:** Multi-adapter 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**    **B6006968**

**Explanation:** Multi-adapter bridge configuration change or error

**Response:** IOA removed from multi-adapter 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

---

**B6006969**    **B6006969**

**Explanation:** Multi-adapter 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**    **B600696A**

**Explanation:** Card slot test failed

**Failing Item:**

- LICIP14
- FI00131
- BACKPLN

---

**B600696B**    **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 domain as the I/O Adapter. Do one of the following:

-- 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 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 domain as the I/O Adapter.

---

**B6006970**    **B6006970**

**Explanation:** High Speed Link (HSL) 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. In some cases it may be caused by a failing IOP in the multi-adapter bridge's 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**    **B6006971**

**Explanation:** High Speed Link (HSL) resource failure

**Response:** A failure occurred in a multi-adapter bridge or on the bus to the card location it controls.

## B6006972 • B6006980

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 B6006972

**Explanation:** High Speed Link (HSL) resource failure

**Response:** Multi-adapter Bridge (MaB) 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 B6006973

**Explanation:** High Speed Link (HSL) resource failure

**Response:** Multi-adapter 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
- SIIOADP
- MA\_BRDG

---

### B6006974 B6006974

**Explanation:** Multi-adapter 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 B6006975

**Explanation:** The system issued a reset/reload to the service processor.

**Response:** Service processor error.

### Failing Item:

- AJDGP01

---

### B6006976 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 B6006980

**Explanation:** Network Interface Controller / IO Hub failure.

**Response:** For Power5 and newer servers, service this error using the B7006980 service information. Otherwise, continue with this information.

The FRU list displayed in the Service Action Log (SAL) or serviceable event view you are working with, may vary from the failing item list given in this document. Use the FRU list in the serviceable event view if it is available to you.

NOTE: A fiber optic cleaning kit may be required for optical HSL connections.

### Failing Item:

- SICNTRL
- OPT\_CLN

---

**B6006981**    **B6006981**

**Explanation:** High Speed Link (HSL) I/O bridge failure

**Response:** For Power5 and newer servers, service this error using the B7006981 service information. Otherwise, continue with this information.

Cycle power on the frame identified as the frame with failed HSL I/O Bridge prior to replacing FRUs.

The FRU list displayed in the Service Action Log (SAL), or serviceable event view you are using, may vary from the failing item list given in this document. Use the FRU list in the serviceable event view if it is available to you.

If you find either a B6xx 6982 or B6xx 6984 SRC logged at approximately the same time as this SRC then they were caused by the same failure. If you find a 6982 SRC logged at approximately the same time then close this problem and service the 6982 SRC. The failing item listed for this SRC is one of the failing items listed for B6xx 6982. If the serviceable event view's entry for this SRC has a location listed then record the location for use in servicing the 6982 SRC.

**NOTE:** This SRC can occur for the HSL I/O Bridge resource in an I/O expansion unit when the unit is powered off for a concurrent maintenance action.

**NOTE:** A fiber optic cleaning kit may be required for optical HSL connections.

**Failing Item:**

- SIOADP
- OPT\_CLN

---

**B6006982**    **B6006982**

**Explanation:** High Speed Link (HSL) connection failure

**Response:** For Power5 and newer servers, service this error using the B7006982 service information. Otherwise, continue with this information.

If this SRC is not in the Service Action Log (SAL) or serviceable event view you are using, then it is informational or statistical only. It does not require a service action.

Otherwise, this is a connection failure on an HSL link. Perform the procedure indicated in the failing item list.

**Failing Item:**

- RIOIP09
- HSL\_LNK
- SIOADP
- SICNTRL
- REM\_NIC
- OPT\_CLN

---

**B6006983**    **B6006983**

**Explanation:** An invalid High Speed Link (HSL) configuration was detected

**Response:** For Power5 and newer servers, service this error using the B7006983 service information. Otherwise, continue with this information.

An HSL loop has an invalid configuration. Word 4 of the SRC contains the program return code (PRC) which identifies the problem with the loop's configuration. Use the PRC and the FRU listed below to determine the problem.

If you are using the Service Action Log (SAL) or serviceable event view you are working with, the FRU description may already indicate the configuration problem.

**Failing Item:**

- SIRGCFG

---

**B6006984**    **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**    **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      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      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

**B6006990    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    B6006991**

**Explanation:** Service processor failure.

**Failing Item:**

- AJDGP01

**B6006992    B6006992**

**Explanation:** Service processor failure.

**Failing Item:**

- AJDGP01

**B6006993    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    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    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    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    B60069B8**

**Explanation:** Bus hardware configuration problem

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

**B60069C1    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    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    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    B60069C5**

**Explanation:** I/O processor failure

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

**B60069C6    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    B60069C7**

**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

---

**B60069C8    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    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    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.

## B60069D0 • B6007001

**Failing Item:**

- AJDG301

---

**B60069D0 B60069D0**

**Explanation:** Bus Expansion Adapter card failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

**B60069D8 B60069D8**

**Explanation:** Bus Expansion Adapter failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

**B60069D9 B60069D9**

**Explanation:** Host Ethernet Adapter (HEA) failure

**Response:** Firmware detected a hardware failure in the Host Ethernet Adapter (HEA).

**Failing Item:**

- HEA

---

**B60069DA B60069DA**

**Explanation:** System log entry only, no service action required

---

**B60069DB 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 B60069DC**

**Explanation:** The 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 B60069DD**

**Explanation:** The HEA connection to the Ethernet switch has been restored

**Response:** System log entry only, no service action required.

---

**B60069DE B60069DE**

**Explanation:** HEA Media Interface Adapter Failure

**Response:** Firmware detected a failure in the HEA Media Interface Adapter.

**Failing Item:**

- HEA
- AJDG301

---

**B60069E0 B60069E0**

**Explanation:** Bus Expansion Adapter card failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

**B60069E8 B60069E8**

**Explanation:** Bus Expansion Adapter failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

**B60069F0 B60069F0**

**Explanation:** Bus Expansion Adapter failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

**B60069F8 B60069F8**

**Explanation:** Bus Expansion Adapter failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

**B6007001 B6007001**

**Explanation:** ISDN call in rejected

**Failing Item:**

- UG3LB

---

**B6007004**    **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**    **B6007055**

**Explanation:** Statistics were logged, no service action required

**Response:** This reference code is logged for information only.

---

**B6007102**    **B6007102**

**Explanation:** APPN CP-CP session ended.

---

**B6007201**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **B6007704**

**Explanation:** General failure detected by HRI component.

**Failing Item:**

- AJDG301

---

**B6007777**    **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.

## B6008000 • B600B700

- 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 B6008000

**Explanation:** An external 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 B6008001

**Explanation:** An external 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 B6008002

**Explanation:** Maximum number of redundant connections exceeded

**Response:** An attempt to activate a connection from another I/O adapter to an external storage subsystem disk unit failed because the maximum number of connections are already active for this disk unit. No action required.

---

### B6008003 B6008003

**Explanation:** External storage subsystem disk unit connection was restored

**Response:** No action required.

---

### B6008004 B6008004

**Explanation:** An external 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 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 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 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.

---

### B6009999 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 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 B600B700

**Explanation:** A platform firmware error log was reported to LIC without an SRC in the platform log. LIC will create a log in the PAL with SRC B600B700 to store the platform firmware log in. The platform firmware log will be copied to the component specific data area in the LIC log in the same position it normally is for platform errors.

**Response:** Contact your hardware service provider. This is a platform firmware problem.

**Failing Item:**

- NEXTLVL

---

**B600CF00**    **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**    **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**    **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**    **B600CFFD**

**Explanation:** Optical drive failure

**Failing Item:**

- OPTLDRV
- 

**B600CFFF**    **B600CFFF**

**Explanation:** Media determined to be bad in Optical library

---

**B600F103**    **B600F103**

**Explanation:** Main storage dump must be copied for service

**Failing Item:**

- LICIP01
- 

**B600F104**    **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**    **B600F105**

**Explanation:** Licensed Internal Code detected error

**Failing Item:**

- NEXTLVL
- 

**B600FDC0**    **B600FDC0**

**Explanation:** LIC program reported informational error

**Response:** This reference code is logged for information only. No action required.

---

**B600FDC5**    **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**    **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.

## B6xx0102 • B6xx0244

- Determine if any other reference codes have been logged at or before the same date and time.
- Begin the service approach based on these other logged errors.

---

### B6xx0102 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 B6xx0103

**Explanation:** Main storage dump must be copied for service

**Failing Item:**

- LICIP01

---

### B6xx0104 B6xx0104

**Explanation:** Terminate Immediate reference code is bad

**Failing Item:**

- LICIP08
- AJDG301

---

### B6xx0105 B6xx0105

**Explanation:** More than one request to terminate the system was issued

**Failing Item:**

- LICIP08
- AJDG301

---

### B6xx0106 B6xx0106

**Explanation:** Terminate Immediate data is not valid

**Failing Item:**

- LICIP08
- AJDG301

---

### B6xx0107 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 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 B6xx0202

**Explanation:** Unrecoverable read error

**Response:** Restore the Licensed Internal Code using Utilities to install and restore IBM i Licensed Internal Code.

---

### B6xx0210 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 B6xx0231

**Explanation:** Disk sanitize action completed successfully

**Response:** No service action required. This entry is logged for information only.

---

### B6xx0232 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 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    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    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    B6xx0299**

**Explanation:** Informational LIC state SRC.

**B6xx0302    B6xx0302**

**Explanation:** Recursion in exception handler

**Failing Item:**

- LICIP08
- AJDG301

**B6xx0304    B6xx0304**

**Explanation:** Component specific exception handler return code not valid

**Failing Item:**

- LICIP08
- AJDG301

**B6xx0305    B6xx0305**

**Explanation:** Exception while storage management lock is held

**Failing Item:**

- LICIP08
- AJDG301

**B6xx0307    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    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    B6xx0317**

**Explanation:** Traceback for code not found

**Failing Item:**

- LICIP08
- AJDG301

**B6xx0323    B6xx0323**

**Explanation:** LIC exception code detected a problem

**Failing Item:**

- LICIP08
- AJDG301

## B6xx0324 • B6xx0405

---

**B6xx0324**    **B6xx0324**

**Explanation:** LIC exception code detected a problem

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0325**    **B6xx0325**

**Explanation:** LIC exception code detected a problem

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0326**    **B6xx0326**

**Explanation:** LIC exception code detected a problem

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0327**    **B6xx0327**

**Explanation:** LIC exception code detected a problem

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0328**    **B6xx0328**

**Explanation:** LIC exception code detected a problem

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0329**    **B6xx0329**

**Explanation:** LIC exception code detected a problem

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0333**    **B6xx0333**

**Explanation:** A branch to a bad address was attempted

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0334**    **B6xx0334**

**Explanation:** Exception Handler could not be removed

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0335**    **B6xx0335**

**Explanation:** Code resumed to not valid address following exception

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0336**    **B6xx0336**

**Explanation:** LIC exception code detected a problem

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0401**    **B6xx0401**

**Explanation:** A machine check occurred during IPL

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0402**    **B6xx0402**

**Explanation:** A machine check occurred during authority initialization

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0403**    **B6xx0403**

**Explanation:** Unhandled exception during IPL or install

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0405**    **B6xx0405**

**Explanation:** Unhandled exception in authority recovery

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0406**    **B6xx0406**

**Explanation:** Unhandled exception in data base recovery

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6xx0407**    **B6xx0407**

**Explanation:** Unhandled exception in data base initialization

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6xx0408**    **B6xx0408**

**Explanation:** Unhandled exception in journal recovery

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6xx0409**    **B6xx0409**

**Explanation:** Unhandled exception in journal synchronization

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6xx0410**    **B6xx0410**

**Explanation:** Unhandled exception in journal clean up

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6xx0411**    **B6xx0411**

**Explanation:** Unhandled exception in commit recovery

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6xx0412**    **B6xx0412**

**Explanation:** Unhandled exception in commit initialization

**Failing Item:**

- LICIP08
  - AJDG301
- 

---

**B6xx0413**    **B6xx0413**

**Explanation:** Rebuild of recovery object index failed

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6xx0414**    **B6xx0414**

**Explanation:** Install of operating system failed on read from media

**Failing Item:**

- LICIP08
  - FI00300
- 

**B6xx0415**    **B6xx0415**

**Explanation:** Create user profile failed

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6xx0417**    **B6xx0417**

**Explanation:** Initiating the initial process failed

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6xx0418**    **B6xx0418**

**Explanation:** The information loaded from the install media is not valid

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6xx0419**    **B6xx0419**

**Explanation:** The information loaded from the install media is not valid

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6xx0420**    **B6xx0420**

**Explanation:** The information loaded from the install media is not valid

**Failing Item:**

- LICIP08
  - AJDG301
-

## B6xx0421 • B6xx0607

---

**B6xx0421**    **B6xx0421**

**Explanation:** Bad return code creating a queue or message

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0422**    **B6xx0422**

**Explanation:** The Load/Dump command failed

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0439**    **B6xx0439**

**Explanation:** Opening the IPCF connection failed

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0440**    **B6xx0440**

**Explanation:** Termination code is not valid

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0441**    **B6xx0441**

**Explanation:** Power off system command failed

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0443**    **B6xx0443**

**Explanation:** Programmed IPL command failure

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0446**    **B6xx0446**

**Explanation:** Error during machine termination

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0447**    **B6xx0447**

**Explanation:** Failure to reach MI boundary

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0449**    **B6xx0449**

**Explanation:** Exception in MI boundary manager

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0506**    **B6xx0506**

**Explanation:** Attempt to destroy a task with critical flag on

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0507**    **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**    **B6xx0607**

**Explanation:** Maximum stack size exceeded in process or task

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx0620**    **B6xx0620**

**Explanation:** Event management index is not usable

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6xx0650**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **B6xx1001**

**Explanation:** Enqueuing a task to the TDQ which is already enqueued on TDQ

**Failing Item:**

- LICIP08
  - AJDG301
- 

**B6xx1103**    **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**    **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 • B6xx41FD

---

**B6xx1201**    **B6xx1201**

**Explanation:** Critical database segment could not be created

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx1204**    **B6xx1204**

**Explanation:** Error in constraint enforcement

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx1210**    **B6xx1210**

**Explanation:** Object not found in the in-use table

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx1215**    **B6xx1215**

**Explanation:** Error in critical code sequence

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx1219**    **B6xx1219**

**Explanation:** A back leveled driver has been detected

**Failing Item:**

- LICIP08
- AJDG301

---

**B6xx1604**    **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**    **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**    **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**    **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**    **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**    **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 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 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 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 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 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 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 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 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 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

**B6xx4700 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 • B6xx4740

---

### B6xx4701 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 B6xx4703

**Explanation:** Processor On Demand error detected.

**Response:** Processor On Demand Serialization has failed during IPL.

Contact your service provider.

**Failing Item:**

- AJDG301

---

### B6xx4710 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 B6xx4712

**Explanation:** Processor On Demand error detected.

**Response:** Correct any Processor Capacity card or SPCN failures.

**Failing Item:**

- CTLPNCD

---

### B6xx4713 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 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 B6xx4715

**Explanation:** Processor On Demand error detected.

**Response:** Correct any Processor Capacity card or SPCN failures.

**Failing Item:**

- CTLPNCD

---

### B6xx4730 B6xx4730

**Explanation:** Processor On Demand error detected.

**Response:** Processor On Demand standby processors are in use.

Contact your service provider.

**Failing Item:**

- AJDG301

---

### B6xx4731 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 B6xx4733

**Explanation:** Processor On Demand error detected.

**Response:** Contact your service provider.

**Failing Item:**

- AJDG301

---

### B6xx4740 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 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 B6xx4745**

**Explanation:** Processor Capacity card replaced on activated POD system.

**Response:** Contact IBM Support to order a replacement Processor On Demand activation code.

**B6xx4747 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 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 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 B6xx5003**

**Explanation:** Service program failed

**Response:** The ASCII system console failed to respond.

**Failing Item:**

- FI00320
- FI00602
- USER
- AJDG301
- FI00380

**B6xx5004 B6xx5004**

**Explanation:** DST console failed to respond

**Response:** The system console failed to respond.

**Failing Item:**

- RTRIP02
- FI00320
- FI00602
- USER
- AJDG301
- FI00380

**B6xx5005 B6xx5005**

**Explanation:** Service program failed

**Response:** The workstation adapter system console failed to respond.

**Failing Item:**

- WSAIP01
- FI00320
- FI00602
- USER
- AJDG301
- FI00380

**B6xx5007 B6xx5007**

**Explanation:** Service program failed

**Response:** The workstation adapter console failed to respond.

**Failing Item:**

- RTRIP07
- FI00320
- FI00602
- USER
- AJDG301
- FI00380

---

**B6xx5008    B6xx5008**

**Explanation:** DST console failed to respond

**Response:**

**Failing Item:**

- OPCIP03
- FI00719

---

**B6xx5010    B6xx5010**

**Explanation:** IPL service function ended abnormally

**Failing Item:**

- LICIP04
- AJDG301

---

**B6xx5014    B6xx5014**

**Explanation:** DST status. The Storage Management Dual Path Information Screen option to dump data to a PAL has completed successfully.

---

**B6xx5015    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    B6xx5082**

**Explanation:** DST lost contact with the console

**Response:** A service program lost contact with the system console.

**Failing Item:**

- RTRIP03
- AJDG301
- USER

---

**B6xx5083    B6xx5083**

**Explanation:** IPL service function ended abnormally

**Response:** A service program lost contact with the system console.

**Failing Item:**

- TWSIP01
- AJDG301
- USER

---

**B6xx5090    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
- AJDG301

---

**B6xx5092    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    B6xx5094**

**Explanation:** IASP detected a failure during the vary on operation

**Failing Item:**

- LICIP12

---

**B6xx50FF    B6xx50FF**

**Explanation:** DST unrecoverable program error

**Failing Item:**

- LICIP03
- AJDG301
- FI00380

---

**B6xx5120    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 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 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 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

**B6xx5126 B6xx5126**

**Explanation:** Addressed device failed to respond to selection

**Failing Item:**

- DISKDRV
- STORIOA
- DISKTRY

- FI01106
- FI01140
- FI01141
- DEVTERM
- BACKPLN

**B6xx5127 B6xx5127**

**Explanation:** IOP timed out a disk command

**Failing Item:**

- DISKDRV
- STORIOA
- FI01106
- DISKTRY
- FI01140
- FI01141
- DEVTERM
- BACKPLN

**B6xx5128 B6xx5128**

**Explanation:** I/O processor failure

**Failing Item:**

- FI01112
- FI01107

**B6xx512D 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 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

**B6xx5192 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

## B6xx5193 • B6xx5276

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      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:**

- SVCDOCS

---

**B6xx5194      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      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      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      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.

**Failing Item:**

- FI00310
- FI00318
- FI00065
- FI00130
- AJDG301

---

**B6xx5275      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      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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **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

## B6xx5380 • B6xx6906

the Primary partition and determine what the supported Release Delta is.

---

### B6xx5380 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 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 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 B6xx5555

**Explanation:** SLIC I/O DASD subsystem error recovery in progress.

---

### B6xx5600 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 B6xx6900

**Explanation:** System bus error

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

### B6xx6901 B6xx6901

**Explanation:** Bus Expansion Adapter card failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

### B6xx6902 B6xx6902

**Explanation:** Bus Expansion Adapter card failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

### B6xx6905 B6xx6905

**Explanation:** Optical bus failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

### B6xx6906 B6xx6906

**Explanation:** High Speed Link (HSL) 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**    **B6xx6907**

**Explanation:** High Speed Link (HSL) 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

---

**B6xx6908**    **B6xx6908**

**Explanation:** High Speed Link (HSL) 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

---

**B6xx6909**    **B6xx6909**

**Explanation:** High Speed Link (HSL) 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

---

**B6xx690A**    **B6xx690A**

**Explanation:** Associated adapter not found in this partition

**Failing Item:**

- LICIP16

---

**B6xx690B**    **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.

## B6xx690C • B6xx6938

- 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 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 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 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 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**    **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**    **B6xx6960**

**Explanation:** Multi-adapter 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**    **B6xx6961**

**Explanation:** Multi-adapter 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**    **B6xx6962**

**Explanation:** Multi-adapter 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**    **B6xx6963**

**Explanation:** Multi-adapter 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.

## B6xx6964 • B6xx6968

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      B6xx6964

**Explanation:** Multi-adapter bridge configuration change or error

**Response:** One of several errors or configuration problems has occurred under a Multi-adapter 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 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 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      B6xx6965

**Explanation:** Multi-adapter 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. 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      B6xx6966

**Explanation:** Multi-adapter bridge configuration change or error

**Response:** I/O processor removed from multi-adapter 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      B6xx6967

**Explanation:** Multi-adapter 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      B6xx6968

**Explanation:** Multi-adapter bridge configuration change or error

**Response:** IOA removed from multi-adapter 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**    **B6xx6969**

**Explanation:** Multi-adapter 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**    **B6xx696A**

**Explanation:** Card slot test failed

**Failing Item:**

- LICIP14
- FI00131
- BACKPLN

---

**B6xx696B**    **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 domain as the I/O Adapter. Do one of the following:

-- 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 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 domain as the I/O Adapter.

---

**B6xx6970**    **B6xx6970**

**Explanation:** High Speed Link (HSL) 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. In some cases it may be caused by a failing IOP in the multi-adapter bridge's 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**    **B6xx6971**

**Explanation:** High Speed Link (HSL) resource failure

**Response:** A failure occurred in a multi-adapter 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 • B6xx6981

---

### B6xx6972 B6xx6972

**Explanation:** High Speed Link (HSL) resource failure

**Response:** Multi-adapter Bridge (MaB) 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

---

### B6xx6973 B6xx6973

**Explanation:** High Speed Link (HSL) resource failure

**Response:** Multi-adapter 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
- SIIOADP
- MA\_BRDG

---

### B6xx6974 B6xx6974

**Explanation:** Multi-adapter 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 B6xx6975

**Explanation:** The system issued a reset/reload to the service processor.

**Response:** Service processor error.

**Failing Item:**

- AJDGP01

---

### B6xx6976 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 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 B6xx6981

**Explanation:** High Speed Link (HSL) I/O bridge failure

**Response:** For Power5 and newer servers, service this error using the B7006981 service information. Otherwise, continue with this information.

Cycle power on the frame identified as the frame with failed HSL I/O Bridge prior to replacing FRUs.

The FRU list displayed in the Service Action Log (SAL), or serviceable event view you are using, may vary from the failing item list given in this document. Use the FRU list in the serviceable event view if it is available to you.

If you find either a B6xx 6982 or B6xx 6984 SRC logged

at approximately the same time as this SRC then they were caused by the same failure. If you find a 6982 SRC logged at approximately the same time then close this problem and service the 6982 SRC. The failing item listed for this SRC is one of the failing items listed for B6xx 6982. If the serviceable event view's entry for this SRC has a location listed then record the location for use in servicing the 6982 SRC.

**NOTE:** This SRC can occur for the HSL I/O Bridge resource in an I/O expansion unit when the unit is powered off for a concurrent maintenance action.

**NOTE:** A fiber optic cleaning kit may be required for optical HSL connections.

**Failing Item:**

- SIOADP
- OPT\_CLN

---

**B6xx6982    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
- SIOADP
- SICNTRL
- REM\_NIC
- OPT\_CLN

---

**B6xx6983    B6xx6983**

**Explanation:** An invalid High Speed Link (HSL) configuration was detected

**Response:** For Power5 and newer servers, service this error using the B7006983 service information. Otherwise, continue with this information.

An HSL loop has an invalid configuration. Word 4 of the SRC contains the program return code (PRC) which identifies the problem with the loop's configuration. Use the PRC and the FRU listed below to determine the problem.

If you are using the Service Action Log (SAL) or serviceable event view you are working with, the FRU

description may already indicate the configuration problem.

**Failing Item:**

- SIRGCFG

---

**B6xx6984    B6xx6984**

**Explanation:** High Speed Link (HSL) loop status message

**Response:** For Power5 and newer servers, service this error using the B7006984 service information. Otherwise, continue with this information.

An HSL loop has switched to its alternate path. This is an informational SRC only.

Word 7 of the SRC contains the loop number in the leftmost 4 digits. The loop number is in hexadecimal format. You must convert the hexadecimal loop number into decimal format to recognize the loop number in HSM.

This SRC can be caused by a tower on the HSL loop powering off.

This SRC may also appear in the Service Action Log (SAL), or serviceable event viewer you are using, with a B6xx 6982 or B6xx 6981 logged at approximately the same time. In that case the other SRC is reporting a failure and this SRC is reporting that the alternate HSL path is now being used. Service the other SRC if present.

---

**B6xx6985    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

## B6xx6986 • B6xx6987

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

---

### B6xx6986 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 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

**B6xx6990    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    B6xx6991**

**Explanation:** Service processor failure.

**Failing Item:**

- AJDGP01

**B6xx6992    B6xx6992**

**Explanation:** Service processor failure.

**Failing Item:**

- AJDGP01

**B6xx6993    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    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    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    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    B6xx69B8**

**Explanation:** Bus hardware configuration problem

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

**B6xx69C1    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    B6xx69C2**

**Explanation:** HSL Opticonnect normal connect to another sys. or partition.

**Response:** This reference code is informational only.

HSL OptiConnect has established connection normally. The local system or partition is participating in HSL Opticonnect with other systems or partitions on the same HSL loop.

## B6xx69C3 • B6xx69C8

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### B6xx69C3 B6xx69C3

**Explanation:** HSL Opticonnect normal disconnect from other sys. or partition

**Response:** This reference code is informational only.

HSL Opticonnect disconnected normally from a remote node. The local system or partition has stopped participating in HSL Opticonnect with the remote system or partition on the same HSL loop. Possible reasons include:

- A remote system or partition went off line due to a normal power off or disable of HSL Opticonnect.

---

### B6xx69C5 B6xx69C5

**Explanation:** I/O processor failure

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

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### B6xx69C6 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 B6xx69C7

**Explanation:** HSL Opticonnect abnormal disconnect from other sys. or partition.

**Response:** The local system or partition disconnected from a remote system or partition due to an unexpected event or failure. LIC will attempt to recover from the error. Intervention at the local or remote system or partition may be required.

Possible causes are: time out, hang or hardware failure. The problem may be with: the local system or partition or the remote system or partition.

If there was not a complete HSL loop before this error then a failure or power down in an HSL component between the local system or partition and the remote system or partition could have caused this error. Check for SRCs with FRUs like: HSL cables, HSL I/O bridge or a power problem in an expansion I/O tower or unit on this loop.

Examine the SAL or serviceable event view you are working with on the local system or partition for failures on the same loop, or with the Network Interface Controller at approximately the same time.

Examine the remote system or partition for problems. Correct any HSL or NIC problems you find with the remote and local systems or partitions.

If there are no problems with the remote system or partition and there are no problems with the local system or partition then collect all the Product Activity Log (PAL) information for this failure on both systems. Be sure to record all words in the SRC. Contact your next level of support.

**Failing Item:**

- REM\_SYS
- LOC\_SYS

---

### B6xx69C8 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    B6xx69C9**

**Explanation:** HSL Opticonnect abnormal disconnect from other sys. or partition.

**Response:** The local system or partition disconnected from a remote system or partition due to an failure in a LIC virtualized bus unit. LIC will attempt to recover from the error. Possible causes are:

- LIC problem where the local bus unit is off line.
- LIC problem where the remote bus unit is off line.

Examine the Service Action Log (SAL), or serviceable event view you are using, on the local system or partition for HSL Opticonnect failures that occurred at approximately the same time this error occurred.

Examine the remote system or partition for problems. Examine the Service Action Log (SAL), or the serviceable event view you are using, on the remote system or partition for HSL Opticonnect problems that occurred at approximately the same time this error occurred.

Collect all the Product Activity Log information for this failure on all systems and partitions on this HSL loop. Be sure to record all words in the SRCs. Contact your next level of support with the information you have collected.

**Failing Item:**

- AJDG301
- REM\_SYS
- LOC\_SYS

---

**B6xx69CF    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.

**Failing Item:**

- AJDG301

---

**B6xx69D0    B6xx69D0**

**Explanation:** Bus Expansion Adapter card failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

## B6xx69D8 • B6xx7004

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### B6xx69D8 B6xx69D8

**Explanation:** Bus Expansion Adapter failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

### B6xx69D9 B6xx69D9

**Explanation:** Host Ethernet Adapter (HEA) failure

**Response:** Firmware detected a hardware failure in the Host Ethernet Adapter (HEA).

**Failing Item:**

- HEA

---

### B6xx69DA B6xx69DA

**Explanation:** System log entry only, no service action required

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### B6xx69DB 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 B6xx69DC

**Explanation:** The 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 B6xx69DD

**Explanation:** The HEA connection to the Ethernet switch has been restored

**Response:** System log entry only, no service action required.

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### B6xx69DE B6xx69DE

**Explanation:** HEA Media Interface Adapter Failure

**Response:** Firmware detected a failure in the HEA Media Interface Adapter.

**Failing Item:**

- HEA
- AJDG301

---

### B6xx69E0 B6xx69E0

**Explanation:** Bus Expansion Adapter card failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

### B6xx69E8 B6xx69E8

**Explanation:** Bus Expansion Adapter failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

### B6xx69F0 B6xx69F0

**Explanation:** Bus Expansion Adapter failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

---

### B6xx69F8 B6xx69F8

**Explanation:** Bus Expansion Adapter failed

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

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### B6xx7001 B6xx7001

**Explanation:** ISDN call in rejected

**Failing Item:**

- UG3LB

---

### B6xx7004 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**    **B6xx7055**

**Explanation:** Statistics were logged, no service action required

**Response:** This reference code is logged for information only.

---

**B6xx7102**    **B6xx7102**

**Explanation:** APPN CP-CP session ended.

---

**B6xx7201**    **B6xx7201**

**Explanation:** A utility failure occurred

**Response:** This reference code is for information only. The Uninterruptible Power System (UPS) is reporting a utility failure.

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**B6xx7202**    **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.

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**B6xx7203**    **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**    **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**    **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**    **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**    **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**    **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**    **B6xx7704**

**Explanation:** General failure detected by HRI component.

**Failing Item:**

- AJDG301

---

**B6xx7777**    **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 • B6xxCF01

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### B6xx8000 B6xx8000

**Explanation:** An external 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 B6xx8001

**Explanation:** An external 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 B6xx8002

**Explanation:** Maximum number of redundant connections exceeded

**Response:** An attempt to activate a connection from another I/O adapter to an external storage subsystem disk unit failed because the maximum number of connections are already active for this disk unit. No action required.

---

### B6xx8003 B6xx8003

**Explanation:** External storage subsystem disk unit connection was restored

**Response:** No action required.

---

### B6xx8004 B6xx8004

**Explanation:** An external 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 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 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 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.

---

### B6xxB700 B6xxB700

**Explanation:** A platform firmware error log was reported to LIC without an SRC in the platform log. LIC will create a log in the PAL with SRC B600B700 to store the platform firmware log in. The platform firmware log will be copied to the component specific data area in the LIC log in the same position it normally is for platform errors.

**Response:** Contact your hardware service provider. This is a platform firmware problem.

**Failing Item:**

- NEXTLVL

---

### B6xxCF00 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 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 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 B6xxCFFD**

**Explanation:** Optical drive failure

**Failing Item:**

- OPTLDRV

**B6xxCFFF B6xxCFFF**

**Explanation:** Media determined to be bad in Optical library

**B6xxD4C1 B6xxD4C1**

**Explanation:** LIC detected a problem in error analysis code.

**Problem determination:** Report this problem to your service provider.

**Failing Item:**

- SVCDOCS

**B6xxD4C2 B6xxD4C2**

**Explanation:** LIC detected a problem in error analysis code.

**Problem determination:** Report this problem to your service provider.

**Failing Item:**

- SVCDOCS

**B6xxD4C3 B6xxD4C3**

**Explanation:** LIC detected a problem in error analysis code.

**Problem determination:** Report this problem to your service provider.

**Failing Item:**

- SVCDOCS

**B6xxD4C4 B6xxD4C4**

**Explanation:** LIC detected a problem in error analysis code.

**Problem determination:** Report this problem to your service provider.

**Failing Item:**

- SVCDOCS

**B6xxD4C5 B6xxD4C5**

**Explanation:** LIC detected a problem in error analysis code.

**Problem determination:** Report this problem to your service provider.

**Failing Item:**

- SVCDOCS

**B6xxF103 B6xxF103**

**Explanation:** Main storage dump must be copied for service

**Failing Item:**

- LICIP01

**B6xxF104 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 B6xxF105**

**Explanation:** Licensed Internal Code detected error

**Failing Item:**

- NEXTLVL

**B6xxFDC0 B6xxFDC0**

**Explanation:** LIC program reported informational error

**Response:** This reference code is logged for information only. No action required.

## B6xxFDC5

---

**B6xxFDC5**    **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**    **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**    **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**    **B7000104**

**Explanation:** Platform LIC failure

**Response:** Machine check, undefined error occurred.

**Failing Item:**

- LICCODE

---

**B7000105**    **B7000105**

**Explanation:** Platform LIC detected an error

**Response:** More than one request to terminate the system was issued.

**Failing Item:**

- NEXTLVL

---

**B7000106**    **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**    **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**    **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 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 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

---

#### B7000302 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 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 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 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 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 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    B7000621**

**Explanation:** Informational event logged at each Platform IPL. System log entry only, no service action required

**B7000641    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    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    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    B7000803**

**Explanation:** System log entry only, no service action required

**B7000804    B7000804**

**Explanation:** System log entry only, no service action required

**B7000A00    B7000A00**

**Explanation:** A user request initiated an I/O tower/drawer power off. System log entry only, no service action required.

**B7000A01    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.

**B7000A10    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    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 • B7004400

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### B7001161 B7001161

**Explanation:** The platform encountered an event indicating that the power status has changed. System log entry only, no service action required

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### B7001730 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 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 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 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

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### B700173A 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

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### B700173B 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

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### B7004400 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    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    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

**B7004715    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    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    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    B7004750**

**Explanation:** A Capacity on Demand change has been detected

**Response:** Utility Capacity on Demand resources have been activated.

**B70047CB    B70047CB**

**Explanation:** Fast system IPL changed to slow system IPL

**Response:** The data obtained from the system is not what was expected. The system will perform a slow IPL in order to obtain the correct data. If other errors occur, contact your next level of support.

**B70047CC    B70047CC**

**Explanation:** (N/A for external service docs)

**B70047CD    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    B70047DD**

**Explanation:** (N/A for external service docs)

**B7005120    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    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    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    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    B7005190**

**Explanation:** PHYP VIO has detected that partition software has created an error condition.

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**B7005191    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    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.

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**B7005219    B7005219**

**Explanation:** Platform LIC detected an error. Information only, no service action required.

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**B7005300    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.

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**B7005301    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 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 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 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 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 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:**

- SVCDOCS

**B7005400 B7005400**

**Explanation:** Computational Gard has detected a flawed processor which will be shut off.

**Response:** Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

The platform detected a problem with a processor. The processor is not functional.

Look in the Serviceable Event View for a B1xx xxxx error that implicates a processor.

If the Serviceable Event View contains no B1xx xxxx error, or if resolving the error fails to correct the problem, contact your next level of support.

**Failing Item:**

- SVCDOCS

**B7005433 B7005433**

**Explanation:** The requested memory to be mirrored is now only partially mirrored due to a hardware issue.

**Response:** If a repair action was in progress, check for deconfigured memory. If that memory was a part of the service action and was replaced, disregard this SRC. Otherwise, if no service action involving memory was being performed, check the serviceable event view for memory-DIMM related errors and take the appropriate service action for repair.

**Failing Item:**

- SVCDOCS

**B7005442 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 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 • B7006907

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### B7005600 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 B7005601

**Explanation:** Platform LIC failure

**Response:** Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

There was a problem initializing, reading, or using system VPD.

**Failing Item:**

- NEXTLVL

---

### B7005602 B7005602

**Explanation:** Platform LIC detected an error

**Response:** The system has out-of-date VPD LIDs. Contact IBM support for new VPD LIDs.

**Failing Item:**

- NEXTLVL

---

### B7005603 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

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### B7006900 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 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 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    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    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    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    B7006912**

**Explanation:** Platform LIC unable to find or retrieve VPD LID file.

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

**B7006913    B7006913**

**Explanation:** VPD associated with an occupied PCI slot does not contain a PCI slot power value.

**Response:** Platform firmware update is required.

**Failing Item:**

- LICCODE

**B7006944    B7006944**

**Explanation:** Platform LIC detected an error

**Response:** A system bus appears to be empty. If the bus is not empty, a hardware or configuration problem might exist. Look for other errors.

**B7006950    B7006950**

**Explanation:** Platform LIC detected an error

**Response:** A platform dump has occurred. The system has lost all the configured system settings (such as the HMC or SDMC access and ASMI passwords, time of day, network configuration, hardware deconfiguration policies, etc.) that you might have set through user interfaces. Also, the system has lost the platform error logs and partition-related information, and the service processor is reset. Perform the recovery actions for the SVCPROC FRU but do not replace the service processor. The platform dump should be sent to your service provider.

**Failing Item:**

- SVCDOCS

**B7006951    B7006951**

**Explanation:** Platform LIC detected an error

**Response:** An error occurred because a partition needed more NVRAM than was available.

The partition is still functional, but is operating in a degraded mode. Configuration information may be lost at the next IPL. In order to make more NVRAM available, delete one or more partitions.

**Failing Item:**

- SVCDOCS

**B7006952    B7006952**

**Explanation:** NVRAM was cleared. System log entry only, no service action required

**B7006953    B7006953**

**Explanation:** NVRAM unavailable following service processor reset/reload.

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL

**B7006954    B7006954**

**Explanation:** An NVRAM failure was detected.

## B7006955 • B7006979

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**B7006955**    **B7006955**

**Explanation:** An NVRAM failure was detected.

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**B7006956**    **B7006956**

**Explanation:** An NVRAM failure was detected.

**Response:** Contact your next level of support.

**Failing Item:**

- NEXTLVL
- 

**B7006965**    **B7006965**

**Explanation:** Platform LIC detected an error

**Response:** Unknown hardware detected. Look for other errors.

---

**B7006970**    **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:**

- SIOADP
  - MA\_BRDG
  - MABIP50
  - PIOCARD
- 

**B7006971**    **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**    **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**    **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**    **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**    **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.

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**B7006979**    **B7006979**

**Explanation:** System log entry only, no service action required

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**B700697C    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    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    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

- SIIOADP
- HSL\_LNK

---

**B7006982    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    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.

## B7006984 • B7006986

- 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 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.

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.

This SRC can be caused by a tower on the RIO, HSL or 12X loop powering off.

This SRC may also appear in a Serviceable Event View you are using, with a B700 6982 or B700 6981 logged at approximately the same time. In that case the other SRC is reporting a failure and this SRC is reporting that the alternate RIO, HSL or 12X path is now being used. Service the other SRC if present.

---

### B7006985 B7006985

**Explanation:** RIO, HSL or 12X loop status message

**Response:** This is a serviceable event only if this error is in a serviceable event view. If this is a serviceable event then perform RIOIP12. Otherwise if this is NOT a serviceable event then to determine what this SRC means use symbolic FRU SIRSTAT.

Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

NOTE: A fiber optic cleaning kit may be required for optical RIO or HSL connections.

### Failing Item:

- SVCDOCS
- HSL\_LNK
- OPT\_CLN
- FRPORT
- TOPORT

---

### B7006986 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**    **B7006987**

**Explanation:** RIO, HSL or 12X connection failure

**Response:** Work with the FRU list in the serviceable event view if there is one, otherwise use the FRU list documented here to determine the parts to exchange.

If the Serviceable Event View is not available then use the failing item list presented here for servicing this reference code.

**Failing Item:**

- HSL\_LNK
  - OPT\_CLN
- 

**B7006988**    **B7006988**

**Explanation:** An unrecoverable memory error caused a tower failure.

**Response:** Look for any B12xE500 SRCs which require service action, and perform the actions indicated to resolve the memory failure.

After completing those actions, you will need to power the failing tower off/on to recover.

**Failing Item:**

- SVCDOCS
- 

**B7006989**    **B7006989**

**Explanation:** I/O expansion drawer cables are incorrectly connected.

**Response:** Return the cables to their previous position.

**Failing Item:**

- SVCDOCS
- 

**B7006990**    **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**    **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**    **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**    **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**    **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**    **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**    **B70069C3**

**Explanation:** HSL OptiConnect disconnected normally from a remote node. System log entry only, no service action required.

---

**B70069C6**    **B70069C6**

**Explanation:** Platform LIC detected an error

**Response:** Abnormal or unexpected HSL OptiConnect disconnection from a remote system or partition.

## B70069C7 • B70069C8

The local system or partition disconnected from a remote system or partition due to an unexpected event or failure. The problem, which most likely originates with the remote system or partition, probably requires intervention at the remote system. Examine both the local and remote HSL OptiConnected systems or partitions for problems on this RIO or HSL loop.

Possible reasons include: A fatal software or hardware error in the remote system or partition, or a power failure in the remote system.

If a complete RIO or HSL loop did not exist before this error occurred, the cause of this error might be a failure or power down in a RIO or HSL component between the local system or partition and the remote system or partition. Check for a problem with the following:

- A RIO or HSL cable
- The RIO or HSL I/O bridge
- Power in an expansion I/O tower or unit on this loop

On the local system or partition, examine the Service Action Log (SAL) or serviceable event view. Look for RIO or HSL failures that occurred on the same RIO or HSL loop at approximately the same time as this error.

Examine the remote system or partition for problems. If the remote system or partition is powered on and IPL'd, examine the SAL or serviceable event view on the remote system or partition. Look for problems on the same RIO or HSL loop that occurred at approximately the same time as this error.

Correct any problems you find with the remote and local systems or partitions that happened at approximately the same time and involve HSL Opticonnect or RIO or HSL loop components.

When the remote system is IPL'd, it will automatically reconnect with this system or partition. If you find no problems with either the local or the remote systems or partitions, collect all the Product Activity Log (PAL) information for this failure on both systems. Be sure to record all words in the SRC. Contact your next level of support.

### Failing Item:

- SVCDOCS
- LICCODE

---

### B70069C7 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

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### B70069C8 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    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 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    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    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 cable to see if the problem corrects itself.

**Failing Item:**

- SVCDOCS
- HSL\_IB
- FRPORT
- TOPORT

**B70069D9    B70069D9**

**Explanation:** Host Ethernet Adapter (HEA) failure

**Response:** Firmware detected a hardware failure in the Host Ethernet Adapter (HEA).

**Failing Item:**

- HEA

## B70069DA • B70069EC

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### B70069DA B70069DA

**Explanation:** A non-terminating Host Ethernet Adapter error was detected. System log entry only, no service action required

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### B70069DB 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

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### B70069E1 B70069E1

**Explanation:** Host Channel Adapter (HCA) failure

**Response:** The 12X Host Channel Adapter has failed.

**Failing Item:**

- HCA

---

### B70069E2 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 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.

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### B70069E4 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

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### B70069E5 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.

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### B70069E6 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.

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### B70069E7 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 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 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 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 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 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 B70069EE**

**Explanation:** I/O unit backplane is not operating at optimal bandwidth

**Response:** Replace the I/O unit backplane at your next scheduled maintenance.

**Failing Item:**

- TWRBKPL

**B70069F1 B70069F1**

**Explanation:** 12X controller failure

**Response:** The 12X controller has failed.

For I/O loop connections, all I/O enclosures on this loop will be in a failed state.

For Host Channel Adapter (HCA) connections, all HCA connections on this 12X Fabric will be in a failed state.

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.

**Failing Item:**

- SICNTRL

**B70069F2 B70069F2**

**Explanation:** 12X controller recovered; Do NOT replace any FRUs

**Response:** The 12X controller recovered from a failure. The location code of the 12X controller is in the error log with the procedure FRU as point of reference only.

Check if all I/O Adapters in the loop recovered. The four leftmost digits of SRC word 7 represent the loop number in hexadecimal format. Convert the loop number to decimal format. Using the HMC or SDMC, locate and record the decimal loop number's information in the Hardware Topology screen. Determine what I/O Adapters or 12X switches are connected to that loop. Determine if any I/O Adapter in the loop are in a failed state.

If there are I/O Adapters in a failed state, the partition to which the failed I/O Adapter is connected may need to be re-IPLed to complete recovery.

If there are no I/O Adapter(s) in a failed state but there are errors logged against I/O Adapter(s) or I/O Processor(s) for the same loop, close those errors. The controller recovered successfully.

**Failing Item:**

- SVCDOCS

**B70069F3 B70069F3**

**Explanation:** 12X controller recovery failure

**Response:** The 12X controller failed. Exhaustive attempts to recover the controller failed. All connections on this loop will be in a failed state.

If there are errors logged against I/O Adapters on this loops, do not replace any I/O Adapter hardware. This SRC is the root cause.

Collect the loop configuration of the system. The four leftmost digits of SRC word 7 represent the loop number in hexadecimal format. Convert the loop number to decimal format. Using the HMC or SDMC, locate and record the decimal loop number's information in the Hardware Topology screen.

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.

**Failing Item:**

- SICNTRL

**B70069F4 B70069F4**

**Explanation:** 12X controller failure

**Response:** The 12X controller has failed. All connections on this loop will be in a failed state.

Look in the Serviceable Event View for B130E5xx SRCs

## B70069F5 • B7006A01

logged at about the same time. If you find any, 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. This SRC is the root cause.

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    B70069F5

**Explanation:** 12X controller failure

**Response:** The 12X controller detected an invalid firmware action. All connections on this loop will be in a failed state.

If there are errors logged against I/O Adapters on this loop, do not replace any I/O Adapter hardware. This SRC is the root cause.

Work with your service provider to collect error logs and a platform system dump. Then, check for firmware updates and install them, if available. If that does not resolve the problem, replace the 12X controller.

### Failing Item:

- LICCODE
- SICNTRL

---

### B70069FA    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    B70069FB

**Explanation:** 12X I/O Bridge recovered; Do NOT replace any FRUs.

---

### B70069FC    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    B70069FD

**Explanation:** 12X I/O Bridge failure

**Response:** If there are any Power Problems (SRC 1xxxxxx) 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    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    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    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    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    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    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    B7006A20**

**Explanation:** Invalid/Unsupported Hardware configuration detected

**Response:** Determine the unsupported HW configuration.

**Failing Item:**

- SVCDOCS

---

**B7006A21    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    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    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 • B7009900

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### B7006A24 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 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 B7006A28

**Explanation:** PCI-E Switch had a correctable error, Downstream IO is unaffected.

---

### B7006A2A 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 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 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 B7006A70

**Explanation:** The PCI-E Primary Host Bus has detected a failure.

**Failing Item:**

- PCIEHB1

---

### B7006A71 B7006A71

**Explanation:** Failure of PCI-E adapter in remote drawer/enclosure.

**Response:** This SRC is for a failure related to a PCI Express (PCIe) connected external enclosure adapter. Use the location code included in the serviceable event view for this problem and perform the PCIEIP1 procedure to locate the PCIe adapter and verify that the PCIe cables are connected and the external enclosure is powered on. If performing this procedure resolves the problem, there is no need to consider the following FRUs in this SRC.

**Failing Item:**

- SVCDOCS
- PCIEAD1
- PCIEHB1
- PCIECB1

---

### B7009900 B7009900

**Explanation:** (N/A for external service docs)

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**B7009901**    **B7009901**

**Explanation:** (N/A for external service docs)

---

**B7009902**    **B7009902**

**Explanation:** (N/A for external service docs)

---

**B7009904**    **B7009904**

**Explanation:** (N/A for external service docs)

---

**B7009905**    **B7009905**

**Explanation:** (N/A for external service docs)

---

**B7009906**    **B7009906**

**Explanation:** (N/A for external service docs)

---

**B7009907**    **B7009907**

**Explanation:** (N/A for external service docs)

---

**B700990F**    **B700990F**

**Explanation:** (N/A for external service docs)

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**B7009999**    **B7009999**

**Explanation:** (N/A for external service docs)

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**B70099FF**    **B70099FF**

**Explanation:** (N/A for external service docs)

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**B700BA01**    **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**    **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**    **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**    **B700BAFD**

**Explanation:** Task flight recorder data logged prior to wrapping. No service action is required.

---

**B700F103**    **B700F103**

**Explanation:** Platform LIC failure

**Response:** Work with the FRU list on the serviceable event view if there is one, otherwise, use the FRU list documented here to determine the parts to exchange.

The platform LIC detected an internal problem.

Collect all the SRC words and the platform system dump, then contact your next level of support.

**Failing Item:**

- LICCODE
- 

**B700F104**    **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 • B700F130

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### B700F105 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 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 B700F107

**Explanation:** Dynamic replacement of checkstopped processor failed.

**Response:** Collect all the SRC words and then contact your next level of support.

**Failing Item:**

- NEXTLVL

---

### B700F108 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 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 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 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 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 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**    **BA000010**

**Explanation:** The device data structure is corrupted

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA000020**    **BA000020**

**Explanation:** Incompatible firmware levels were found

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA000030**    **BA000030**

**Explanation:** An lpevent communication failure occurred

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA000031**    **BA000031**

**Explanation:** An lpevent communication failure occurred

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA000032**    **BA000032**

**Explanation:** The firmware failed to register the lpevent queues

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA000034**    **BA000034**

**Explanation:** The firmware failed to exchange capacity and allocate lpevents

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA000038**    **BA000038**

**Explanation:** The firmware failed to exchange virtual continuation events

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA000040**    **BA000040**

**Explanation:** The firmware was unable to obtain the RTAS code lid details

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA000050**    **BA000050**

**Explanation:** The firmware was unable to load the RTAS code lid

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA000060**    **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 BA000070**

**Explanation:** The firmware was unable to load the open firmware code lid

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA000080 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 BA000081**

**Explanation:** Failed to get the firmware license policy

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA000082 BA000082**

**Explanation:** Failed to set the firmware license policy

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA000091 BA000091**

**Explanation:** Unable to load a firmware code update lid

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA000100 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 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 BA00E820**

**Explanation:** An lpevent communication failure occurred.

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA00E830 BA00E830**

**Explanation:** Failure when initializing ibm,event-scan

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA00E840 BA00E840**

**Explanation:** Failure when initializing PCI hot plug

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA00E843 BA00E843**

**Explanation:** Failure when initializing interface to AIX or Linux

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA00E850 BA00E850**

**Explanation:** Failure when initializing dynamic reconfiguration

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH

---

**BA00E860**    **BA00E860**

**Explanation:** Failure when initializing sensors

**Problem determination:** Reboot the system or partition.

**Failing Item:**

- FWFLASH
- 

**BA010000**    **BA010000**

**Explanation:** There is insufficient information to boot the partition

**Failing Item:**

- FWIPIPL
- 

**BA010001**    **BA010001**

**Explanation:** The client IP address is already in use by another network device

**Failing Item:**

- FWIPIPL
- 

**BA010002**    **BA010002**

**Explanation:** Cannot get gateway IP address

**Problem determination:** Refer to partition firmware progress codes using code CA00E174.

**Failing Item:**

- FWHOST
- 

**BA010003**    **BA010003**

**Explanation:** Cannot get server hardware address.

**Problem determination:** Refer to partition firmware progress codes using code CA00E174.

**Failing Item:**

- FWHOST
- 

**BA010004**    **BA010004**

**Explanation:** Bootp failed

**Problem determination:** Refer to partition firmware progress codes using code CA00E174.

---

**BA010005**    **BA010005**

**Explanation:** File transmission (TFTP) failed.

**Problem determination:** Refer to partition firmware progress codes using code CA00E174.

---

**BA010006**    **BA010006**

**Explanation:** The boot image is too large.

**Failing Item:**

- FWADIPL
- 

**BA010007**    **BA010007**

**Explanation:** The device does not have the required device\_type property.

**Response:** Contact service support.

---

**BA010008**    **BA010008**

**Explanation:** The device\_type property for this device is not supported by the iSCSI initiator configuration specification.

**Response:** Contact service support.

---

**BA010009**    **BA010009**

**Explanation:** The arguments specified for the ping function are invalid..

**Response:** Verify that all arguments comply with the iSCSI initiator configuration specification.

---

**BA01000A**    **BA01000A**

**Explanation:** The itname parameter string exceeds the maximum length allowed.

**Response:** Verify that all arguments comply with the iSCSI initiator configuration specification.

---

**BA01000B**    **BA01000B**

**Explanation:** The ichapid parameter string exceeds the maximum length allowed.

**Response:** Verify that all arguments comply with the iSCSI initiator configuration specification.

---

**BA01000C**    **BA01000C**

**Explanation:** The ichappw parameter string exceeds the maximum length allowed.

**Response:** Verify that all arguments comply with the iSCSI initiator configuration specification.

---

**BA01000D**    **BA01000D**

**Explanation:** The iname parameter string exceeds the maximum length allowed.

**Response:** Verify that all arguments comply with the iSCSI initiator configuration specification.

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## BA01000E • BA017021

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### BA01000E BA01000E

**Explanation:** The LUN specified is not valid.

**Response:** Verify that all arguments comply with the iSCSI initiator configuration specification.

---

### BA01000F BA01000F

**Explanation:** The chapid parameter string exceeds the maximum length allowed.

**Response:** Verify that all arguments comply with the iSCSI initiator configuration specification.

---

### BA010010 BA010010

**Explanation:** Partition firmware error during SMS menus

**Failing Item:**

- FWFLASH

---

### BA010011 BA010011

**Explanation:** SET-ROOT-PROP could not find the / (root) package

**Response:** Look for server firmware updates; apply if available.

---

### BA010012 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 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 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 BA010015

**Explanation:** A trace entry addition failed because of a bad trace type.

**Problem determination:** Check for system firmware update. Contact your next level support for assistance.

---

### BA010020 BA010020

**Explanation:** A trace entry addition failed because of a bad trace type.

**Problem determination:** Check for system firmware update. Contact your next level support for assistance.

---

### BA012010 BA012010

**Explanation:** Opening the TCP node failed.

**Response:** Look for server firmware updates; apply if available.

---

### BA012011 BA012011

**Explanation:** TCP failed to read from the network

**Response:** Look for server firmware updates; apply if available

---

### BA012012 BA012012

**Explanation:** TCP failed to write to the network.

**Response:** Look for server firmware updates; apply if available.

---

### BA012013 BA012013

**Explanation:** Closing TCP failed.

**Response:** Look for server firmware updates; apply if available.

---

### BA012014 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 BA017020

**Explanation:** Failed to open the TFTP package

**Response:** Verify that the TFTP parameters are correct.

---

### BA017021 BA017021

**Explanation:** Failed to load the TFTP file

**Response:** Verify the the TFTP server and network connections are correct.



---

**BA01B010 BA01B010**

**Explanation:** Opening the BOOTP node failed.

**Response:** Look for server firmware updates; apply if available.

---

**BA01B011 BA01B011**

**Explanation:** BOOTP failed to read from the network

**Response:** Refer to the actions for checkpoint CA00E174.

---

**BA01B012 BA01B012**

**Explanation:** BOOTP failed to write to the network

**Response:** Refer to the actions for checkpoint CA00E174.

---

**BA01B013 BA01B013**

**Explanation:** The discover mode is invalid

**Response:** Look for server firmware updates; apply if available.

---

**BA01B014 BA01B014**

**Explanation:** Closing the BOOTP node failed

**Response:** Look for server firmware updates; apply if available.

---

**BA01B015 BA01B015**

**Explanation:** The BOOTP discover server timed out

**Response:** Refer to the actions for checkpoint CA00E174.

---

**BA01D001 BA01D001**

**Explanation:** Opening the DHCP node failed

**Response:** Look for server firmware updates; apply if available.

---

**BA01D020 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 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 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 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 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 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 BA01D053**

**Explanation:** DHCP::discover received a reply, but without a message type

**Response:** Insure that the DHCP server is properly configured.

---

**BA01D054 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 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 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 BA01D0FF**

**Explanation:** Closing the DHCP node failed.

**Response:** Look for server firmware updates; apply if available.

---

**BA04000F 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 BA040010**

**Explanation:** Self test failed on device; cannot locate package.

**Failing Item:**

- NEXTLVL

---

**BA040020 BA040020**

**Explanation:** The machine type and model are not recognized by the server firmware.

**Failing Item:**

- FWFLASH

---

**BA040030 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 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.
2. If this is a new system, check for server firmware updates and apply them, if available.

---

**BA040040**    **BA040040**

**Explanation:** Setting the machine type, model, and serial number failed.

**Failing Item:**

- FWFWPBL
- 

**BA040041**    **BA040041**

**Explanation:** Retrieving the machine type, model, and serial number failed.

**Response:** Look for server firmware updates; apply if available.

---

**BA040050**    **BA040050**

**Explanation:** The h-call to switch off the boot watchdog timer failed.

**Failing Item:**

- FWFWPBL
- 

**BA040060**    **BA040060**

**Explanation:** Setting the firmware boot side for the next boot failed.

**Failing Item:**

- FWFWPBL
- 

**BA050001**    **BA050001**

**Explanation:** Rebooting a partition in logical partition mode failed.

**Failing Item:**

- FWFWPBL
- 

**BA050004**    **BA050004**

**Explanation:** Locating a service processor device tree node failed.

**Failing Item:**

- FWFWPBL
- 

**BA05000A**    **BA05000A**

**Explanation:** Failed to send boot failed message to the service processor

**Failing Item:**

- FWFWPBL
- 

**BA060020**    **BA060020**

**Explanation:** The environment variable "boot-device" exceeded the allowed character limit.

**Failing Item:**

- FWNIM
- 

**BA060021**    **BA060021**

**Explanation:** The environment variable "boot-device" contained more than 5 entries.

**Failing Item:**

- FWNIM
- 

**BA060022**    **BA060022**

**Explanation:** The environment variable "boot-device" contained an entry that exceeded 255 characters.

**Failing Item:**

- FWNIM
- 

**BA060030**    **BA060030**

**Explanation:** Logical partitioning with shared processors is enabled and the operating system does not support it.

**Problem determination:**

1. Install or boot a level of the operating system that supports shared processors.
  2. Disable logical partitioning with shared processors in the operating system.
- 

**BA060032**    **BA060032**

**Explanation:** The operating system does not support virtual real memory (VRM).

**Problem determination:** Install or boot a version of the operation system that supports VMR.

---

**BA060040**    **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**    **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 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 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 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 BA060071**

**Explanation:** Invalid number of vectors from the operating system.

**Problem determination:** Boot a newer version of the operating system.

---

**BA060072 BA060072**

**Explanation:** Client-arch-support hcall error.

**Failing Item:**

- FWFLASH

---

**BA060075 BA060075**

**Explanation:** Client-arch-support firmware error.

**Failing Item:**

- FWFLASH

---

**BA060200 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 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 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 BA060300**

**Explanation:** An I/O error on the adapter from which the boot was attempted prevented the operating system from being booted.

---

**BA070000 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 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 BA080001**

**Explanation:** An IDE device remained busy for a longer period than the time out period.

**Failing Item:**

- FWFWPBL

---

**BA080002 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 BA080010**

**Explanation:** An IDE device is busy longer than specified time-out period.

**Problem determination:** Retry the operation.

**Failing Item:**

- FWIDE1

---

**BA080011 BA080011**

**Explanation:** An IDE command timed out; command is exceeding the period allowed to complete.

**Problem determination:** Retry the operation.

**Failing Item:**

- FWIDE1

---

**BA080012 BA080012**

**Explanation:** The ATA command failed

**Failing Item:**

- FWIDE2

---

**BA080013 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 BA080014**

**Explanation:** The media has been changed

**Problem determination:** Retry the operation.

**Failing Item:**

- FWIDE1

---

**BA080015 BA080015**

**Explanation:** The packet command failed; the media might not be readable.

**Problem determination:** Retry the operation.

**Failing Item:**

- FWIDE1

---

**BA090001 BA090001**

**Explanation:** SCSI disk unit: test unit ready failed; hardware error

**Failing Item:**

- FWSCSI1

---

**BA090002 BA090002**

**Explanation:** SCSI disk unit: test unit ready failed; sense data available

**Failing Item:**

- FWSCSI2

---

**BA090003 BA090003**

**Explanation:** SCSI disk unit: send diagnostic failed; sense data available

**Failing Item:**

- FWSCSI3

---

**BA090004 BA090004**

**Explanation:** SCSI disk unit: send diagnostic failed; devofl command

**Failing Item:**

- FWSCSI3

---

**BA090005 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.
- 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 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 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 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 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 BA09000A**

**Explanation:** Vendor specification error

**Failing Item:**

- NEXTLVL

---

**BA09000B 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

**Failing Item:**

- FWSCSI1

---

**BA09000C BA09000C**

**Explanation:** The media are write-protected

**Problem determination:** Check the media and retry the operation.

---

**BA09000D BA09000D**

**Explanation:** The media are unsupported or are unrecognizable.

**Problem determination:** Check the media and retry the operation.

---

**BA09000E BA09000E**

**Explanation:** The media are not formatted correctly.

**Problem determination:** Replace the media and retry the operation.

---

**BA09000F BA09000F**

**Explanation:** The media are not present

**Problem determination:** Insert or replace the media and retry the operation.

---

**BA090010 BA090010**

**Explanation:** Request sense command failed

**Failing Item:**

- FWSCSI1

---

**BA090011 BA090011**

**Explanation:** The number of times the retry command has to be executed has exceeded the limit.

**Failing Item:**

- FWSCSI1

---

**BA090012 BA090012**

**Explanation:** The SCSI device type is not supported

**Problem determination:** Replace the SCSI device with a supported device.

---

**BA100001 BA100001**

**Explanation:** SCSI tape: test unit ready failed; hardware error.

**Failing Item:**

- FWSCSI1
-

---

**BA100002 BA100002**

**Explanation:** SCSI tape: test unit ready failed; sense data available.

**Failing Item:**

- FWSCSI4
- 

**BA100003 BA100003**

**Explanation:** SCSI tape: send diagnostic failed; sense data available.

**Failing Item:**

- FWSCSI3
- 

**BA100004 BA100004**

**Explanation:** SCSI tape: send diagnostic failed: devofl command.

**Failing Item:**

- FWSCSI3
- 

**BA110001 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 BA110002**

**Explanation:** SCSI changer: test unit ready failed; sense data available.

**Failing Item:**

- FWSCSI4
- 

**BA110003 BA110003**

**Explanation:** SCSI changer: send diagnostic failed; sense data available.

**Failing Item:**

- FWSCSI3
- 

**BA110004 BA110004**

**Explanation:** SCSI changer: send diagnostic failed: devofl command.

**Failing Item:**

- FWSCSI3
- 

---

**BA120001 BA120001**

**Explanation:** On an undetermined SCSI device, test unit ready failed; hardware error.

**Failing Item:**

- FWSCSI5
- 

**BA120002 BA120002**

**Explanation:** On an undetermined SCSI device, test unit ready failed; sense data available

**Failing Item:**

- FWSCSI4
- 

**BA120003 BA120003**

**Explanation:** On an undetermined SCSI device, send diagnostic failed; sense data available

**Failing Item:**

- FWSCSI4
- 

**BA120004 BA120004**

**Explanation:** On an undetermined SCSI device, send diagnostic failed; devofl command

**Failing Item:**

- FWSCSI4
- 

**BA120010 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 BA120FFF**

**Explanation:** SCSI device failed on 'inquiry' command

**Failing Item:**

- FWSCSI1
- 

**BA130001 BA130001**

**Explanation:** SCSI CD-ROM: test unit ready failed; hardware error.

**Failing Item:**

- FWSCSI1
- 

**BA130002 BA130002**

**Explanation:** SCSI CD-ROM: test unit ready failed; sense data available

**Failing Item:**

## BA130003 • BA151002

- FWSCSI3

---

### BA130003 BA130003

**Explanation:** SCSI CD-ROM: send diagnostic failed; sense data available.

**Failing Item:**

- FWSCSI3

---

### BA130004 BA130004

**Explanation:** SCSI CD-ROM: send diagnostic failed; devofl command.

**Failing Item:**

- FWSCSI3

---

### BA130010 BA130010

**Explanation:** USB CD-ROM: device remained busy longer than the time-out period.

**Problem determination:** Retry the operation.

**Failing Item:**

- FWFWPBL

---

### BA130011 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 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 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 BA140001

**Explanation:** SCSI read/write optical: test unit ready failed; hardware error.

**Failing Item:**

- FWSCSI1

---

### BA140002 BA140002

**Explanation:** SCSI read/write optical: test unit ready failed; sense data available.

**Failing Item:**

- FWSCSI1

---

### BA140003 BA140003

**Explanation:** SCSI read/write optical: send diagnostic failed; sense data available

**Failing Item:**

- FWSCSI3

---

### BA140004 BA140004

**Explanation:** SCSI read/write optical: send diagnostic failed; devofl command.

**Failing Item:**

- FWSCSI3

---

### BA150001 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 BA151001

**Explanation:** 10/100 MBPS Ethernet PCI adapter: internal wrap test failure.

**Problem determination:** Replace the adapter specified by the location code

---

### BA151002 BA151002

**Explanation:** 10/100 MBPS Ethernet card

**Failing Item:**

- FWENET



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**BA153002**    **BA153002**

**Explanation:** Gigabit Ethernet adapter failure

**Problem determination:** Verify that the MAC address programmed in FLASH EEPROM is correct.

---

**BA153003**    **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**    **BA154010**

**Explanation:** HEA h-call error

**Problem determination:** Check for system firmware update; apply if available.

---

**BA154020**    **BA154020**

**Explanation:** Required open firmware property not found

**Problem determination:** Check for system firmware update; apply if available.

---

**BA154030**    **BA154030**

**Explanation:** Bad argument from user

**Problem determination:** Check for system firmware update; apply if available.

---

**BA154040**    **BA154040**

**Explanation:** TFTP package open failed

**Problem determination:** Check for system firmware update; apply if available.

---

**BA154050**    **BA154050**

**Explanation:** Transmit operation failed

**Problem determination:** Check for system firmware update; apply if available.

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**BA154060**    **BA154060**

**Explanation:** Failed to initialize HEA port or queue

**Problem determination:** Check for system firmware update; apply if available.

---

**BA154070**    **BA154070**

**Explanation:** Receive operation failed

**Problem determination:** Check for system firmware update; apply if available.

---

**BA158001**    **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**    **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**    **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**    **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 • BA15B002

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### BA15A001 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 BA15C001**

**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 reported with the SRC.

---

**BA160001 BA160001**

**Explanation:** PCI token ring adapter: failed to complete hardware initialization.

**Problem determination:** Replace the adapter specified by the location code.

---

**BA161001 BA161001**

**Explanation:** PCI token ring adapter: failed to complete hardware initialization.

**Problem determination:** Replace the adapter specified by the location code.

---

**BA170100 BA170100**

**Explanation:** NVRAM data validation check failed

**Problem determination:** Reboot the system or partition; this failure should correct itself.

**Failing Item:**

- FWNVR2

## BA170201 • BA180013

---

### BA170201 BA170201

**Explanation:** The firmware was unable to expand the target partition -saving configuration variable

**Failing Item:**

- FWNVR1

---

### BA170202 BA170202

**Explanation:** The firmware was unable to expand the target partition - writing error log entry

**Failing Item:**

- FWNVR1

---

### BA170203 BA170203

**Explanation:** The firmware was unable to expand the target partition - writing VPD data

**Failing Item:**

- FWNVR1

---

### BA170220 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 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 BA170998

**Explanation:** NVRAMRC script evaluation error - command line execution error.

**Failing Item:**

- FWNVR3

---

### BA170999 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 BA180008

**Explanation:** PCI device FCode evaluation error.

**Failing Item:**

- FWPCI1

---

### BA180009 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 BA180010

**Explanation:** PCI probe error, bridge in freeze state.

**Failing Item:**

- FWPCI2

---

### BA180011 BA180011

**Explanation:** PCI bridge probe error, bridge is not usable.

**Failing Item:**

- FWPCI3

---

### BA180012 BA180012

**Explanation:** PCI device runtime error, bridge in freeze state.

**Failing Item:**

- FWPCI3

---

### BA180013 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 BA180014****Explanation:** MSI software error**Failing Item:**

- FWFLASH

---

**BA180015 BA180015****Explanation:** PCI slot error operation recovery timed out.**Failing Item:**

- FWPCI1

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**BA180020 BA180020****Explanation:** No response was received from a PCI slot during probing**Failing Item:**

- FWPCI1

---

**BA180030 BA180030****Explanation:** A PHB reset/recovery was successful.

---

**BA180031 BA180031****Explanation:** A PHB was reset more than once during the boot or reboot of a system or partition.

---

**BA180099 BA180099****Explanation:** PCI probe error, bridge in freeze state, slot in reset state.**Failing Item:**

- FWFLASH

---

**BA180100 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 BA180101****Explanation:** Stack underflow from fibre-channel adapter.**Failing Item:**

- FWFWPBL

---

**BA188000 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 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 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 BA191001****Explanation:** The hypervisor function to turn on the speaker reported an error.**Failing Item:**

- FWFWPBL

---

**BA201001 BA201001****Explanation:** The serial interface dropped data packets**Failing Item:**

- FWFWPBL

---

**BA201002 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 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 • BA210102

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### BA210000 BA210000

**Explanation:** Partition firmware reports a default catch.

**Failing Item:**

- FWFWPBL

---

### BA210001 BA210001

**Explanation:** Partition firmware reports a stack underflow was caught.

**Failing Item:**

- FWFWPBL

---

### BA210002 BA210002

**Explanation:** Partition firmware was ready before stand-out was ready.

**Failing Item:**

- FWFWPBL

---

### BA210003 BA210003

**Explanation:** Partition firmware detected a data storage error.

**Failing Item:**

- FWPCI1

---

### BA210004 BA210004

**Explanation:** An open firmware stack-depth assert failed .

**Problem determination:** Check for system firmware update. Contact your next level support for assistance.

---

### BA210005 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 BA210010

**Explanation:** The transfer of control to the SLIC loader failed.

**Failing Item:**

- FWFWPBL

---

### BA210011 BA210011

**Explanation:** The transfer of control to the I/O reporter failed.

**Failing Item:**

- FWFWPBL

---

### BA210012 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 BA210013

**Explanation:** There was a partition firmware error when in the SMS menus.

**Response:** Look for server firmware updates; apply if available.

---

### BA210020 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 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 BA210101

**Explanation:** The partition firmware error log queue is full.

**Problem determination:** Contact service support.

**Failing Item:**

- NEXTLVL

---

### BA210102 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 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 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 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 BA250010**

**Explanation:** dlpar error in open firmware.

**Failing Item:**

- FWLPAR

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**BA250020 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 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 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 BA278001**

**Explanation:** Failed to flash firmware; invalid image file

**Problem determination:** Obtain a valid firmware image for this system.

---

**BA278002 BA278002**

**Explanation:** Flash file is not designed for this eServer platform.

**Problem determination:** Obtain a valid firmware image for this system.

---

**BA278003 BA278003**

**Explanation:** Unable to lock the firmware update lid manager.

**Problem determination:** Do the following:

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 BA278004**

**Explanation:** An invalid firmware update lid was requested.

**Problem determination:** Obtain a valid firmware image for this system.

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**BA278005 BA278005**

**Explanation:** Failed to flash a firmware update lid.

**Problem determination:** Obtain a valid firmware image for this system.

---

**BA278006 BA278006**

**Explanation:** Unable to unlock the firmware update lid manager.

**Problem determination:** Reboot the system.

---

**BA278007 BA278007**

**Explanation:** Failed to reboot the system after a firmware flash update.

**Problem determination:** Manually reboot the system.

---

**BA278008 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 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 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 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 BA290000**

**Explanation:** RTAS discovered an internal stack overflow

**Failing Item:**

- FWFWPBL
- 

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**BA290001 BA290001**

**Explanation:** RTAS low memory corruption

**Failing Item:**

- FWFWPBL
- 

**BA290002 BA290002**

**Explanation:** RTAS low memory corruption

**Failing Item:**

- FWFWPBL
- 

**BA300010 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 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 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**    **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**    **BA310010**

**Explanation:** The firmware could not obtain the SRC history.

**Failing Item:**

- FWFLASH

---

**BA310020**    **BA310020**

**Explanation:** The firmware received an invalid SRC history.

**Failing Item:**

- FWFLASH

---

**BA320030**    **BA320030**

**Explanation:** The firmware operation to write the MAC address to vital product data (VPD) failed

**Failing Item:**

- FWFLASH

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**BA320060**    **BA320060**

**Explanation:** Invalid vital product data (VPD): no description was found.

**Failing Item:**

- FWFLASH

---

**BA330000**    **BA330000**

**Explanation:** Memory allocation error in partition firmware.

**Problem determination:**

- Reboot partition
- Reflash firmware

---

**BA330001**    **BA330001**

**Explanation:** memory allocation error

**Problem determination:**

- Reboot partition

- Reflash firmware

---

**BA330002**    **BA330002**

**Explanation:** memory allocation error

**Problem determination:**

- Reboot partition
- Reflash firmware

---

**BA330003**    **BA330003**

**Explanation:** memory allocation error

**Problem determination:**

- Reboot partition
- Reflash firmware

---

**BA330004**    **BA330004**

**Explanation:** memory allocation error

**Problem determination:**

1. Reboot the partition.
2. Check for system firmware updates; apply if available.

---

**BA330010**    **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**    **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**    **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.

## BA350100 • BA400002

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 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 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 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.

---

### BA400001 BA400001

**Explanation:** DMA trace buffer overflow; informational message.

**Response:** Check for system firmware updates; apply if available.

---

### BA400002 BA400002

**Explanation:** DMA map-out size mismatch; informational message.

**Problem determination:** Check for system firmware updates; apply if available.

---

## (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    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    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    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    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    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    BF677805

**Explanation:** Received an unknown IOCB command completion. Thiserror might indicate a software driver or firmware problem.

**Failing Item:**

- NEXTLVL

---

### BF677806    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 BF677807

**Explanation:** A unknown mailbox command completed. This error might indicate a software driver, firmware or hardware problem.

**Failing Item:**

- NEXTLVL

---

### BF677808 BF677808

**Explanation:** The configuration parameter for scan-down is out of range. Software driver error.

**Failing Item:**

- NEXTLVL

---

### BF677809 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 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 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 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 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 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 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 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 BF677A05

**Explanation:** A read nvparams mailbox command failed during configport. This error might indicate a hardware or firmware problem.

**Failing Item:**

- NEXTLVL

---

**BF677A06 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 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 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 BF677A09**

**Explanation:** Adapter initialization failed when issuing READ\_REV mailbox command. This error might indicate a hardware or firmware problem.

**Failing Item:**

- NEXTLVL

---

**BF677A0A BF677A0A**

**Explanation:** Outdated firmware was detected during initialization. This error might indicate a hardware or firmware problem. Update firmware.

**Failing Item:**

- NEXTLVL

---

**BF677A0B BF677A0B**

**Explanation:** Adapter initialization failed when issuing DUMP\_VPD mailbox command. This error might indicate a hardware or firmware problem.

**Failing Item:**

- NEXTLVL

---

**BF677A0C BF677A0C**

**Explanation:** Adapter initialization failed when issuing CONFIG\_PORT mailbox command. This error might indicate a hardware or firmware problem.

**Failing Item:**

- NEXTLVL

---

**BF677A0D BF677A0D**

**Explanation:** Adapter initialization failed when issuing CFG\_RING mailbox command. This error might indicate a hardware or firmware problem.

**Failing Item:**

- NEXTLVL

---

**BF677A0E BF677A0E**

**Explanation:** Adapter initialization failed when issuing CONFIG\_LINK mailbox command. This error might indicate a hardware or firmware problem.

**Failing Item:**

- NEXTLVL

---

**BF677A0F BF677A0F**

**Explanation:** Adapter initialization failed when issuing READ\_SPARM mailbox command. This error might indicate a hardware or firmware problem.

**Failing Item:**

- NEXTLVL

---

**BF677A10 BF677A10**

**Explanation:** Adapter initialization failed when issuing READ\_CONFIG mailbox command. This error might indicate a hardware or firmware problem.

**Failing Item:**

- NEXTLVL

---

**BF677A11 BF677A11**

**Explanation:** Adapter initialization failed when issuing INIT\_LINK mailbox command. This error might indicate a hardware or firmware problem.

**Failing Item:**

- NEXTLVL

---

**BF677A12 BF677A12**

**Explanation:** The driver received an interrupt indicating a possible hardware problem. This error might indicate a hardware or firmware problem.

**Failing Item:**

- NEXTLVL



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## (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**    **BF751800**

**Explanation:** 8155: An unknown error was received. Have the customer update the device driver.

**Failing Item:**

- NEXTLVL

---

**BF751A00**    **BF751A00**

**Explanation:** Firmware file %s not found. Have the customer update the adapter microcode.

**Failing Item:**

- NEXTLVL

---

**BF751A01**    **BF751A01**

**Explanation:** Invalid microcode buffer. Have the customer update the adapter microcode.

**Failing Item:**

- NEXTLVL

---

**BF751A02**    **BF751A02**

**Explanation:** Microcode buffer allocation failed. Have the customer update the adapter microcode.

**Failing Item:**

- NEXTLVL

---

**BF751A03**    **BF751A03**

**Explanation:** Microcode buffer copy to DMA buffer failed. Have the customer update the adapter microcode.

**Failing Item:**

- NEXTLVL

---

**BF751A04**    **BF751A04**

**Explanation:** Microcode download required. Have the customer update the adapter microcode.

**Failing Item:**

- NEXTLVL

---

**BF751A05**    **BF751A05**

**Explanation:** Failed to map microcode download buffer. Have the customer update the adapter microcode.

**Failing Item:**

- NEXTLVL

---

**BF751A06**    **BF751A06**

**Explanation:** 8151: IOA microcode error. Have the customer update the adapter microcode and the device driver.

**Failing Item:**

- NEXTLVL

---

**BF751C00**    **BF751C00**

**Explanation:** Adapter being reset due to command timeout. Have the customer update the adapter microcode.

**Failing Item:**

- IOADPTR

---

**BF751C01**    **BF751C01**

## BF751D00 • BF751D0B

**Explanation:** Invalid resource address. Have the customer update the device driver.

**Failing Item:**

- IOADPTR

---

### BF751D00 BF751D00

**Explanation:** 7001: IOA sector reassignment successful. Media error.

**Failing Item:**

- IO\_DEV

---

### BF751D01 BF751D01

**Explanation:** Unsolicited device bus message received.

**Failing Item:**

- IO\_DEV

---

### BF751D02 BF751D02

**Explanation:** Device hardware error.

**Failing Item:**

- IO\_DEV

---

### BF751D03 BF751D03

**Explanation:** Predictive failure analysis.

**Failing Item:**

- IO\_DEV

---

### BF751D04 BF751D04

**Explanation:** Device error. May occur normally during concurrent maintenance.

**Failing Item:**

- IO\_DEV

---

### BF751D05 BF751D05

**Explanation:** Out of alternate sectors for disk storage.

**Failing Item:**

- IO\_DEV

---

### BF751D06 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 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 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 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 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 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**    **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**    **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**    **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**    **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**    **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**    **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**    **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**    **BF751F00**

**Explanation:** Permanent IOA failure.

**Failing Item:**

- IOADPTR
- 

**BF751F01**    **BF751F01**

**Explanation:** Invalid response handle from IOA.

**Failing Item:**

- IOADPTR
- 

**BF751F02**    **BF751F02**

**Explanation:** IOA unit check with no data.

**Failing Item:**

- IOADPTR
- 

**BF751F03**    **BF751F03**

**Explanation:** IOA taken offline - error recovery failed.

**Failing Item:**

- IOADPTR
- 

**BF751F04**    **BF751F04**

**Explanation:** Adapter not supported in this hardware configuration. Remove the unsupported adapter from the system.

**Failing Item:**

- IOADPTR
- 

**BF751F05**    **BF751F05**

**Explanation:** Failed to set PCI DMA mask.

**Failing Item:**

- IOADPTR
- 

**BF751F06**    **BF751F06**

**Explanation:** Write of cache line size failed.

**Failing Item:**

- IOADPTR
- 

**BF751F07**    **BF751F07**

**Explanation:** Failed to save PCI configuration space.

**Failing Item:**

- IOADPTR
-

## **BF751F08 • BF751F09**

---

**BF751F08**    **BF751F08**

**Explanation:** Soft PCI bus error.

**Failing Item:**

- IOADPTR

---

**BF751F09**    **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**    **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**    **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**    **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**    **BF770F02**

**Explanation:** The Cardbus token ring adapter did not respond to initialization commands. Ensure that Cardbus adapter is properly inserted.

**Failing Item:**

- IOADPTR

---

**BF770F03**    **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**    **BF770F04**

**Explanation:** The adapter open request failed with the specified errorcode.

**Failing Item:**

- IOADPTR

---

**BF770F05**    **BF770F05**

**Explanation:** The specified hardware, PCI or parity

## BF770F06 • BF775F01

error has occurred. Have the customer reset the adapter

### Failing Item:

- IOADPTR

---

### BF770F06 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 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 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 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 BF770F0A

**Explanation:** An FDX protocol error has been detected. Have the customer reload the driver

### Failing Item:

- IOADPTR

---

### BF770F0B BF770F0B

**Explanation:** Invalid return code in asb. Have the customer upgrade the driver

### Failing Item:

- IOADPTR

---

### BF775800 BF775800

**Explanation:** The driver was unable to use 32-bit DMA. Have the customer verify the driver software level.

### Failing Item:

- NEXTLVL

---

### BF775801 BF775801

**Explanation:** Memory allocation failed.

### Problem determination:

1. Verify the driver software level
2. Increase the memory on the system

### Failing Item:

- NEXTLVL

---

### BF775802 BF775802

**Explanation:** Transmit timed out, resetting. Have the customer verify the driver software level.

### Failing Item:

- NEXTLVL

---

### BF775803 BF775803

**Explanation:** A FIFO error has occurred. Have the customer verify the driver software level.

### Failing Item:

- NEXTLVL

---

### BF775804 BF775804

**Explanation:** The transmit pointers are out of synchronization. Have the customer verify the driver software level.

### Failing Item:

- NEXTLVL

---

### BF775F00 BF775F00

**Explanation:** The driver could not enable the PCI device.

### Failing Item:

- IOADPTR

---

### BF775F01 BF775F01

**Explanation:** The hardware did not request any IO resources.

### Failing Item:

- IOADPTR

---

**BF775F02**    **BF775F02**

**Explanation:** The IO addresses for the card are already allocated. Have the customer verify the driver software level.

**Failing Item:**

- IOADPTR
- 

**BF775F03**    **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**    **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**    **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**    **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**    **BF776503**

**Explanation:** Linux does not support a hardware feature which has been enabled. Run diagnostics to disable Turbo Teaming.

**Failing Item:**

- NEXTLVL
- 

---

**BF776504**    **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**    **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**    **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**    **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**    **BF776800**

**Explanation:** Either this adapter or the system does not allow the use 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 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 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 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 BF776F00

**Explanation:** Unable to read the adapter's NVRAM. Have the customer verify the driver software level

#### Failing Item:

- IOADPTR

---

#### BF776F01 BF776F01

**Explanation:** Cannot get MAC addr from NVRAM. Have the customer verify the driver software level

#### Failing Item:

- IOADPTR

---

#### BF776F02 BF776F02

**Explanation:** Unable to read PCI Config space or NVRAM. Have the customer verify the driver software level

#### Failing Item:

- IOADPTR

---

#### BF777800 BF777800

**Explanation:** Internal error in driver, kernel, or firmware.

#### Problem determination:

1. Verify the driver software level.
2. Run diagnostics.

#### Failing Item:

- NEXTLVL

---

#### BF777801 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 BF777802

**Explanation:** Internal error in driver, kernel, or firmware.

#### Problem determination:

1. Verify the driver software level
2. Run diagnostics

#### Failing Item:

- NEXTLVL

---

#### BF777E00 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 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    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    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    BF777F00**

**Explanation:** The EEPROM on the network adapter may be corrupted.

**Failing Item:**

- IOADPTR

**BF777F01    BF777F01**

**Explanation:** The driver cannot enable the adapter as a PCI device.

**Failing Item:**

- IOADPTR

**BF777F02    BF777F02**

**Explanation:** The network adapter failed its self-test.

**Failing Item:**

- IOADPTR

**BF778E00    BF778E00**

**Explanation:** Cannot enable DMA for either 32 bits or 64 bits.

**Failing Item:**

- NEXTLVL

**BF778E01    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    BF778E02**

**Explanation:** The MAC type is not ethernet as expected.

**Problem determination:**

- Verify the driver software level
- Run diagnostics

**Failing Item:**

- IOADPTR

**BF778F00    BF778F00**

**Explanation:** Adapter hardware failure.

**Failing Item:**

- IOADPTR





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高調波ガイドライン適合品

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Declaration: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may need to perform practical action.

## Electromagnetic Interference (EMI) Statement - Taiwan

警告使用者：  
這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

The following is a summary of the EMI Taiwan statement above.

Warning: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user will be required to take adequate measures.

### IBM Taiwan Contact Information:

台灣IBM 產品服務聯絡方式：  
台灣國際商業機器股份有限公司  
台北市松仁路7號3樓  
電話：0800-016-888

## Electromagnetic Interference (EMI) Statement - Korea

이 기기는 업무용(A급)으로 전자파적합기기로서 판매자 또는 사용자는 이 점을 주의하시기 바라며, 가정외의 지역에서 사용하는 것을 목적으로 합니다.

## Germany Compliance Statement

### Deutschsprachiger EU Hinweis: Hinweis für Geräte der Klasse A EU-Richtlinie zur Elektromagnetischen Verträglichkeit

Dieses Produkt entspricht den Schutzanforderungen der EU-Richtlinie 2004/108/EG zur Angleichung der Rechtsvorschriften über die elektromagnetische Verträglichkeit in den EU-Mitgliedsstaaten und hält die Grenzwerte der EN 55022 Klasse A ein.

Um dieses sicherzustellen, sind die Geräte wie in den Handbüchern beschrieben zu installieren und zu betreiben. Des Weiteren dürfen auch nur von der IBM empfohlene Kabel angeschlossen werden. IBM übernimmt keine Verantwortung für die Einhaltung der Schutzanforderungen, wenn das Produkt ohne Zustimmung von IBM verändert bzw. wenn Erweiterungskomponenten von Fremdherstellern ohne Empfehlung von IBM gesteckt/eingebaut werden.

EN 55022 Klasse A Geräte müssen mit folgendem Warnhinweis versehen werden:  
"Warnung: Dieses ist eine Einrichtung der Klasse A. Diese Einrichtung kann im Wohnbereich Funk-Störungen verursachen; in diesem Fall kann vom Betreiber verlangt werden, angemessene Maßnahmen zu ergreifen und dafür aufzukommen."

#### **Deutschland: Einhaltung des Gesetzes über die elektromagnetische Verträglichkeit von Geräten**

Dieses Produkt entspricht dem "Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG)". Dies ist die Umsetzung der EU-Richtlinie 2004/108/EG in der Bundesrepublik Deutschland.

#### **Zulassungsbescheinigung laut dem Deutschen Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG) (bzw. der EMC EG Richtlinie 2004/108/EG) für Geräte der Klasse A**

Dieses Gerät ist berechtigt, in Übereinstimmung mit dem Deutschen EMVG das EG-Konformitätszeichen - CE - zu führen.

Verantwortlich für die Einhaltung der EMV Vorschriften ist der Hersteller:  
International Business Machines Corp.  
New Orchard Road  
Armonk, New York 10504  
Tel: 914-499-1900

Der verantwortliche Ansprechpartner des Herstellers in der EU ist:  
IBM Deutschland GmbH  
Technical Regulations, Abteilung M456  
IBM-Allee 1, 71139 Ehningen, Germany  
Tel: +49 7032 15-2937  
email: tjahn@de.ibm.com

Generelle Informationen:

**Das Gerät erfüllt die Schutzanforderungen nach EN 55024 und EN 55022 Klasse A.**

#### **Electromagnetic Interference (EMI) Statement - Russia**

**ВНИМАНИЕ! Настоящее изделие относится к классу А.  
В жилых помещениях оно может создавать радиопомехи, для снижения которых необходимы дополнительные меры**

#### **Class B Notices**

The following Class B statements apply to features designated as electromagnetic compatibility (EMC) Class B in the feature installation information.

#### **Federal Communications Commission (FCC) statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult an IBM-authorized dealer or service representative for help.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. Proper cables and connectors are available from IBM-authorized dealers. IBM is not responsible for any radio or television interference caused by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **Industry Canada Compliance Statement**

This Class B digital apparatus complies with Canadian ICES-003.

### **Avis de conformité à la réglementation d'Industrie Canada**

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

### **European Community Compliance Statement**

This product is in conformity with the protection requirements of EU Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility. IBM cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product, including the fitting of non-IBM option cards.

This product has been tested and found to comply with the limits for Class B Information Technology Equipment according to European Standard EN 55022. The limits for Class B equipment were derived for typical residential environments to provide reasonable protection against interference with licensed communication equipment.

European Community contact:  
IBM Deutschland GmbH  
Technical Regulations, Department M456  
IBM-Allee 1, 71139 Ehningen, Germany  
Tele: +49 7032 15-2937  
email: tjahn@de.ibm.com

## VCCI Statement - Japan

この装置は、クラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。

取扱説明書に従って正しい取り扱いをして下さい。 VCCI-B

## Japanese Electronics and Information Technology Industries Association (JEITA) Confirmed Harmonics Guideline (products less than or equal to 20 A per phase)

高調波ガイドライン適合品

## Japanese Electronics and Information Technology Industries Association (JEITA) Confirmed Harmonics Guideline with Modifications (products greater than 20 A per phase)

高調波ガイドライン準用品

## IBM Taiwan Contact Information

台灣IBM 產品服務聯絡方式：  
台灣國際商業機器股份有限公司  
台北市松仁路7號3樓  
電話：0800-016-888

## Electromagnetic Interference (EMI) Statement - Korea

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## Germany Compliance Statement

Deutschsprachiger EU Hinweis: Hinweis für Geräte der Klasse B EU-Richtlinie zur Elektromagnetischen Verträglichkeit



Dieses Produkt entspricht den Schutzanforderungen der EU-Richtlinie 2004/108/EG zur Angleichung der Rechtsvorschriften über die elektromagnetische Verträglichkeit in den EU-Mitgliedsstaaten und hält die Grenzwerte der EN 55022 Klasse B ein.

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#### **Deutschland: Einhaltung des Gesetzes über die elektromagnetische Verträglichkeit von Geräten**

Dieses Produkt entspricht dem "Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG)". Dies ist die Umsetzung der EU-Richtlinie 2004/108/EG in der Bundesrepublik Deutschland.

#### **Zulassungsbescheinigung laut dem Deutschen Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG) (bzw. der EMC EG Richtlinie 2004/108/EG) für Geräte der Klasse B**

Dieses Gerät ist berechtigt, in Übereinstimmung mit dem Deutschen EMVG das EG-Konformitätszeichen - CE - zu führen.

Verantwortlich für die Einhaltung der EMV Vorschriften ist der Hersteller:  
International Business Machines Corp.  
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Tel: +49 7032 15-2937  
email: tjahn@de.ibm.com

Generelle Informationen:

**Das Gerät erfüllt die Schutzanforderungen nach EN 55024 und EN 55022 Klasse B.**

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