Serial Number Information for SANnet II 200 SATA Field Replaceable Units (FRU's)

Preface

This document will cover how to find the serial numbers on a SANnet II 200 SATA RAID Unit. The system administrator should be familiar with the SANnet II unit, how it works, its configuration and how to use one of the specified utilities to manage and maintain the system.

There are four ways to get this information.

- Physically inspect the FRU for the Serial Number
- Use SANscape
- Use SCCLI 2.1.1 or higher
- Use HyperTerminal or Telnet

Note: Not all serial numbers are available via software. This will be noted where applicable.

What is a FRU?

FRU is a **F**ield **R**eplaceable **U**nit. This means it can be replaced in the field or at a customer site. The FRU does not have to be shipped back to the factory for repair unless out of warranty. If under warranty and after the FRU is replaced the faulty FRU must be shipped back to Dot Hill.

What is a FRU ID?

A FRU ID is a Dot Hills Part Number and it is not the Serial Number. A FRU ID will be the same for a specific part like a Power Supply. All Power Supplies will have a FRU ID of FPSA003-xx (xx = revision).

What is a Serial Number?

A Serial Number is an alpha, numeric or alpha-numeric string that is unique to the FRU and is different on all similar parts.

What is Serial Number Warranty Entitlement Verification?

This is to verify warranty entitlement and for Dot Hill to be able to process the proper replacement part for an RMA. In order to process an RMA Dot Hill needs the complete Serial Number of the FRU. Partial Serial Numbers will not be accepted and the RMA will not be processed.

Note: Not all software outputs give the complete Serial Number. In SANscape when you view "View FRU" it only shows the last six alpha, numeric or alpha-numeric string of the Serial Number. In SCCLI under "show fru" it only shows the last six alpha, numeric or alpha-numeric string of the Serial Number as well.

If using a software utility and only get a six alpha, numeric or alpha-numeric string for a serial number, then a physical inspection will be needed to get the complete Serial Number.

Locating the RAID Chassis serial number

Front View of the SANnet II 200 SATA Unit

SN: DHSIMIL-050700822E   SANnet II 200 AC RAID   PN: DHS0278-01

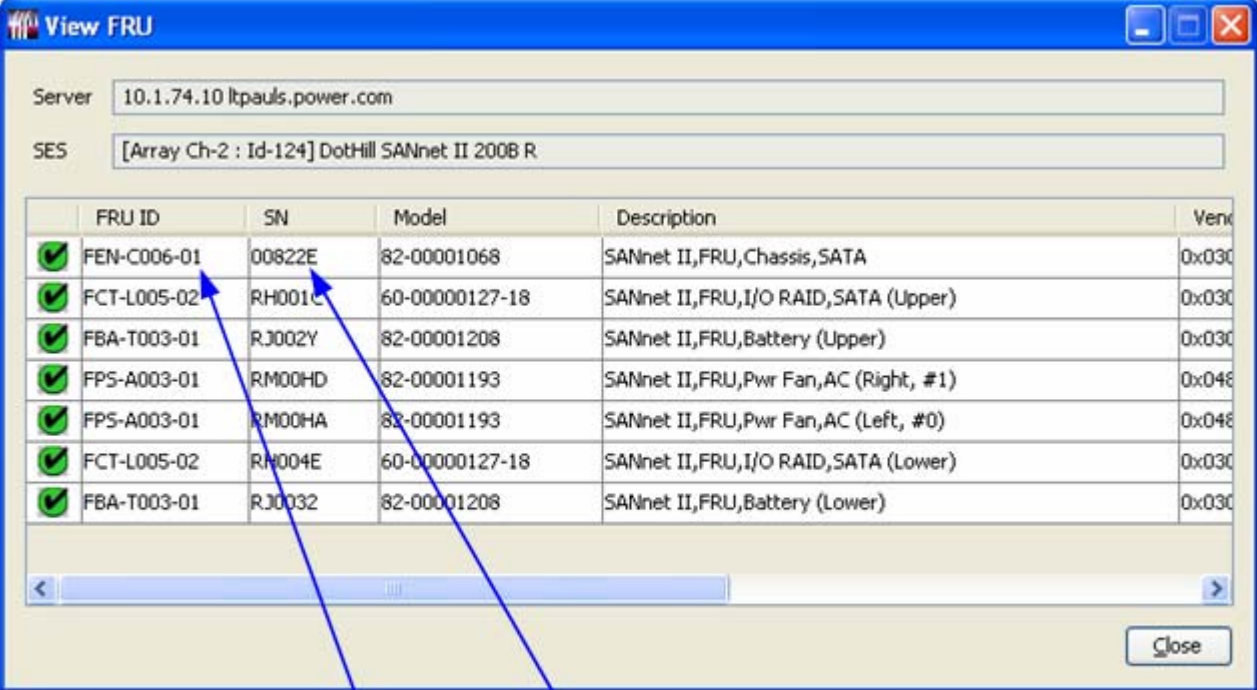## *Using SCCLI 2.1.1 to locate Chassis serial number*

Output will be of all FRU's - Serial Number in Bold Red text – Sample is only of the Chassis fru.

Note: 00822E are the same last 6 numbers of the Serial Number from the physical Chassis view.

SCCLI command

```
sccli> show fru
Name: FC_CHASSIS_BKPLN
Description: SANnet II,FRU,Chassis,SATA
Part Number: FEN-C006
Serial Number: 00822E
Revision: 01
Manufacturing Date: Mon Nov 29 23:44:14 2004
Manufacturing Location: Milpitas,CA,USA
Manufacturer JEDEC ID: 0x0301
FRU Location: FC MIDPLANE SLOT
Chassis Serial Number: 00822E
FRU Status: OK
```

Using SANscape to locate Chassis serial number

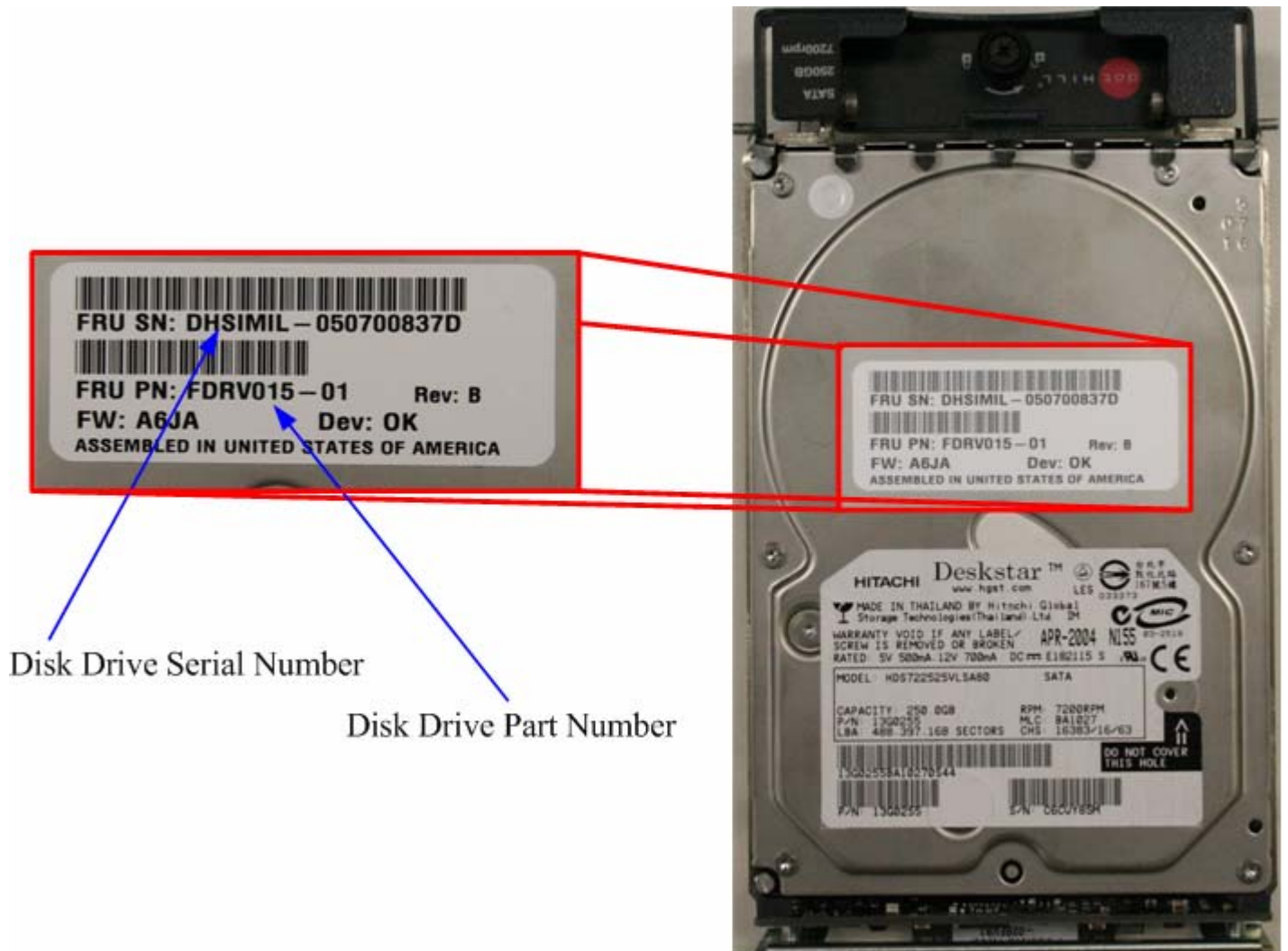

Chassis FRU and Serial Number from SANscape

Using HyperTerminal or Telnet to locate Chassis serial number

Note: Not available through HyperTerminal or Telnet.

Locating a Disk Drive serial number

Note: The Dot Hill serial number does not show up in SCCLI, SANscape or HyperTerminal/Telnet. You must physically inspect the drive to get the Dot Hill serial number for warranty entitlement.

Disk Drive Serial Number
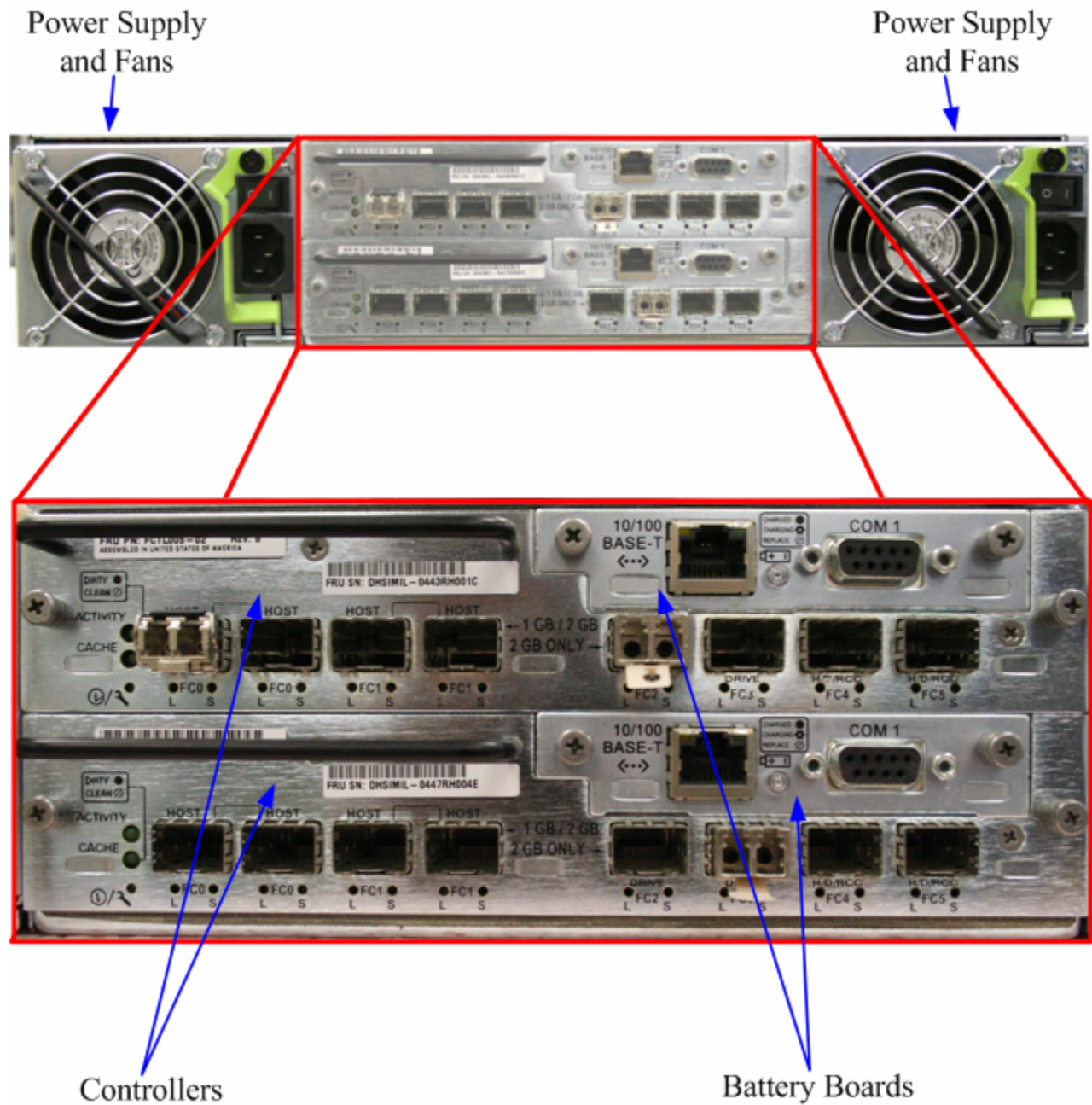
Disk Drive Part Number

Using SCCLI 2.1.1 to locate Disk Drive serial number

Note: The Dot Hill serial number is not in this output. This output is only gives the Hitachi serial number. The Dot Hill serial number is what is needed to validate warranty entitlement.
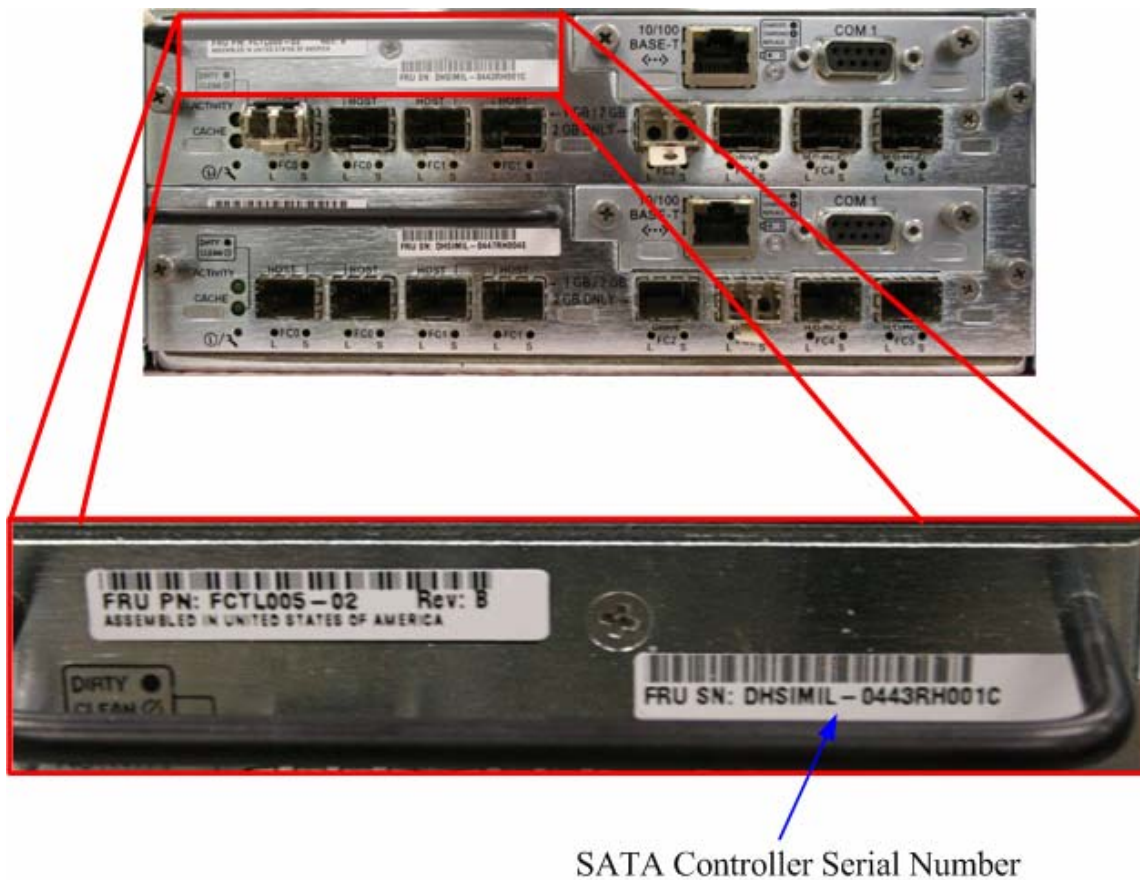

Using SANscape to locate Disk Drive serial number

Note: The Dot Hill serial number is not in this output. This output is only gives the Hitachi serial number. The Dot Hill serial number is what is needed to validate warranty entitlement.

Using HyperTerminal or Telnet to locate Disk Drive serial number

Note: The Dot Hill serial number is not in this output. This output is only gives the Hitachi serial number. The Dot Hill serial number is what is needed to validate warranty entitlement.

Rear View of SANnet II 200 SATA RAID Unit

Power Supply and Fans

Power Supply and Fans

Controllers

Battery Boards

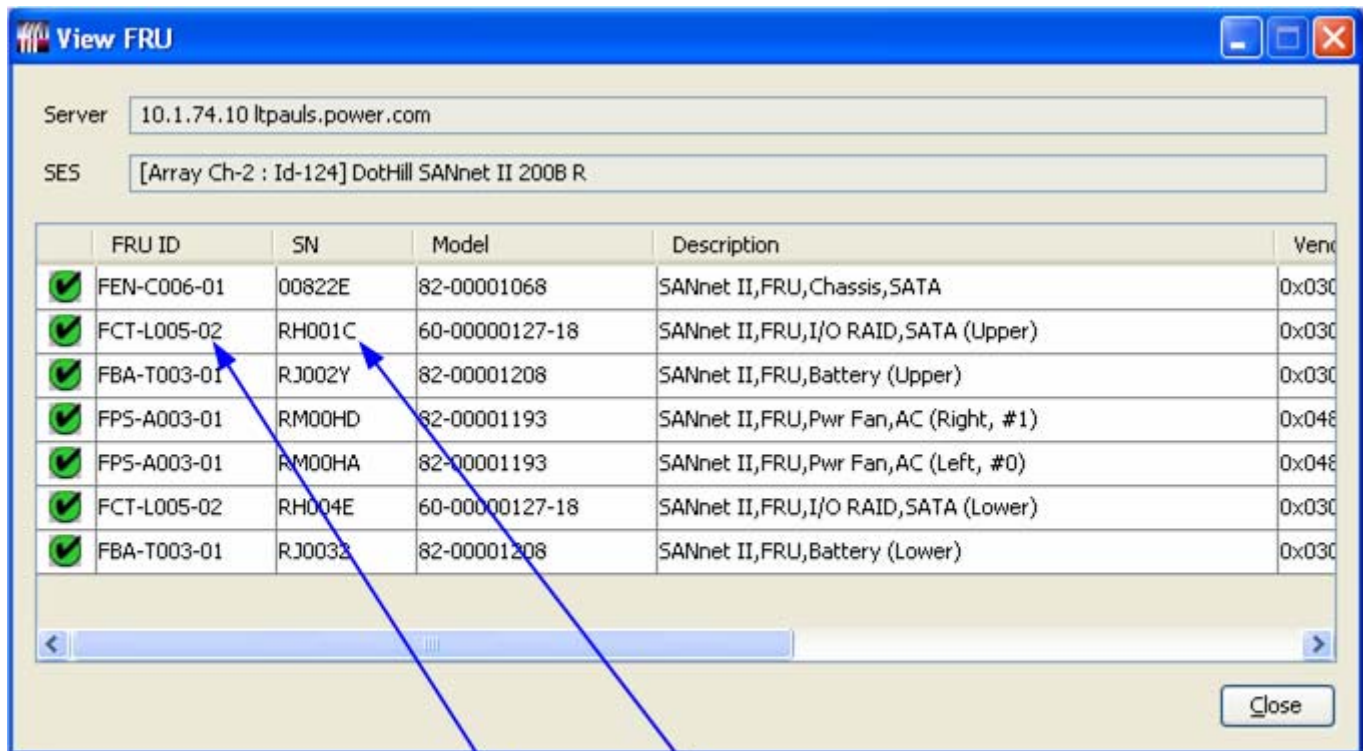# Locating a Controller serial number

SATA Controller Serial Number

Using SCCLI 2.1.1 to locate Controller serial number

Output will be of all FRU's -Serial Number in Bold Red text – Sample is only of the Controller fru.

Note: 000194 are the same last six numbers of the Serial Number from the physical Controller view.

```
sccli> show fru
Name: FC_RAID_IOM
Description: SANnet II,FRU,I/O RAID,SATA
Part Number: FCT-L005
Serial Number: RH001C
Revision: 02
Manufacturing Date: Tue Feb 15 14:41:05 2005
Manufacturing Location: Milpitas California, USA
Manufacturer JEDEC ID: 0x0301
FRU Location: UPPER FC RAID IOM SLOT
Chassis Serial Number: 00822E
FRU Status: OK
```

Using SANscape to locate Controller serial number

Controller FRU and Serial Number from SANscape

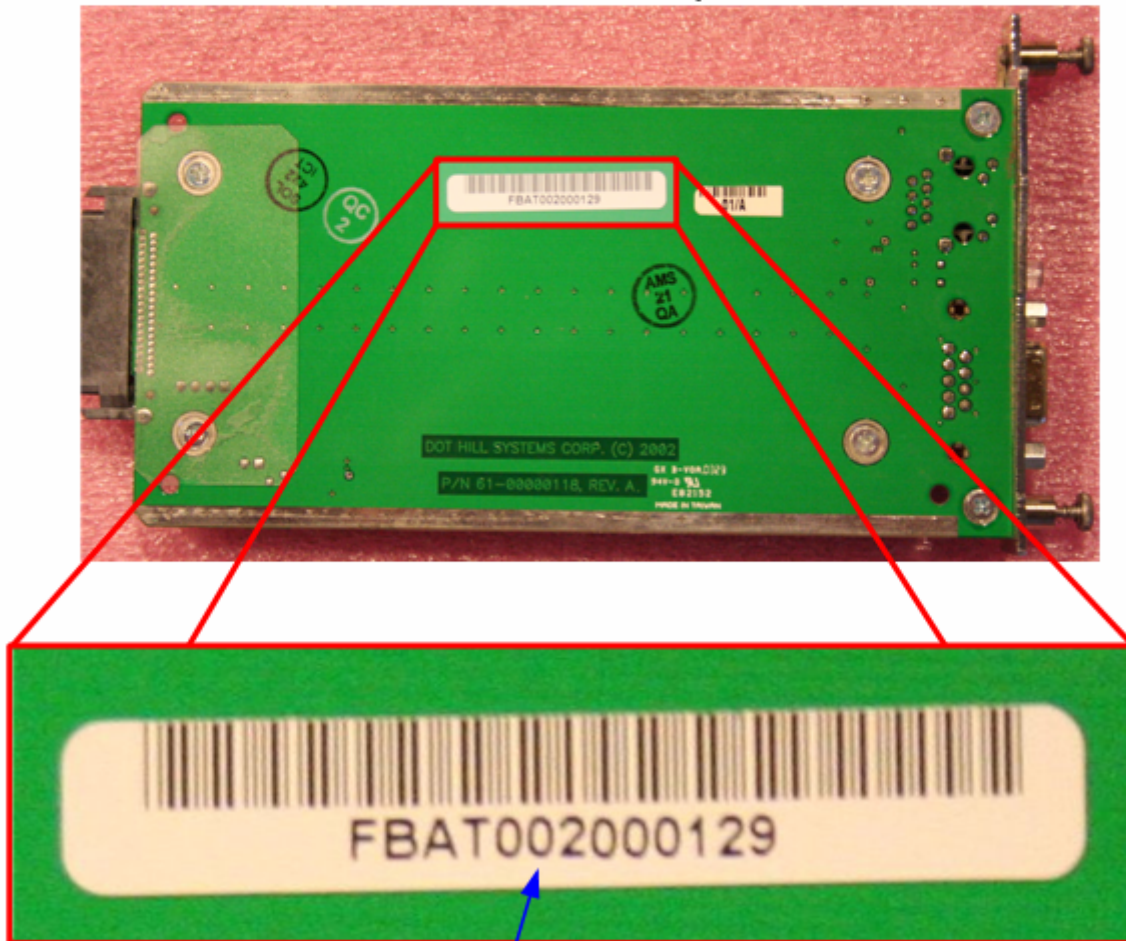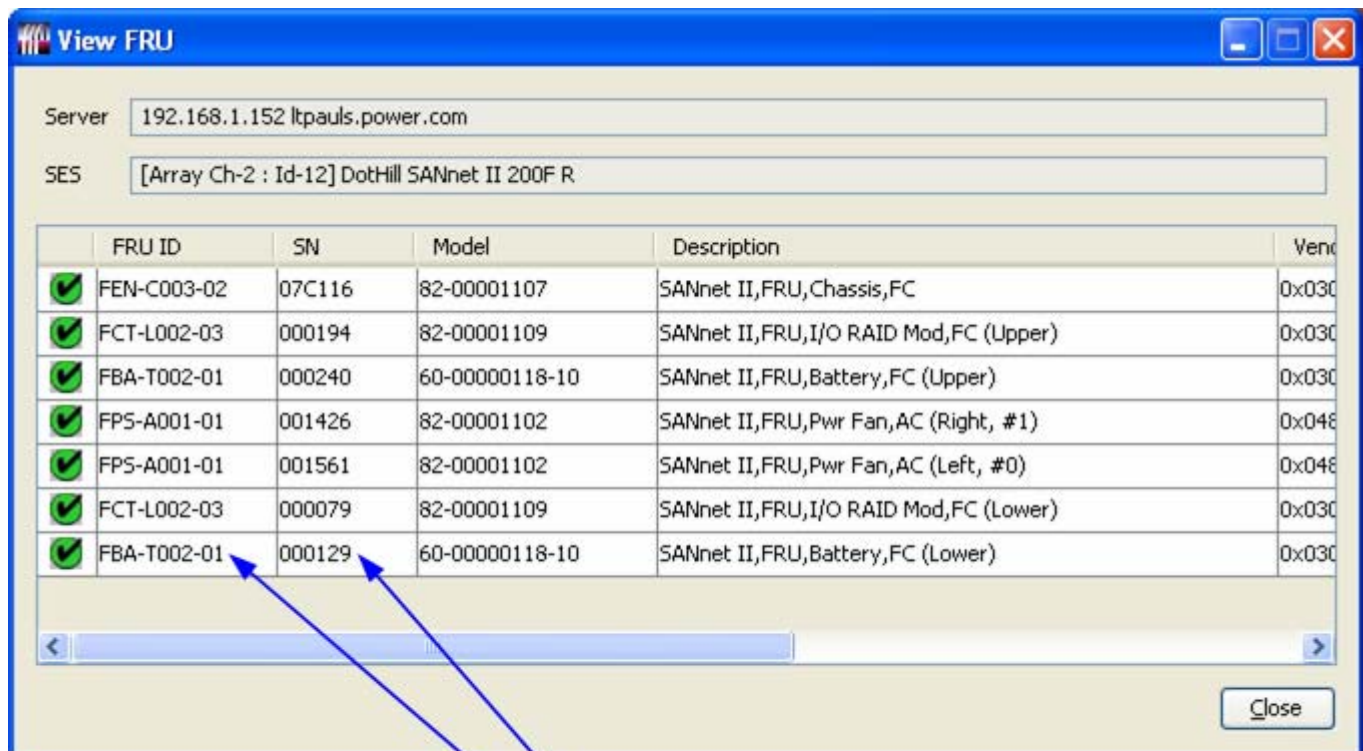## Using HyperTerminal or Telnet to locate Controller serial number

Note: Not available through HyperTerminal or Telnet

Locating a Battery serial number

Front of Battery Board

Bottom of Battery Board

SATA Battery Serial Number

Using SCCLI 2.1.1 to locate Battery serial number

Output will be of all FRU's - Serial Number in Bold Red text – Sample is only of the Battery fru.

Note: 000129 are the same last six numbers of the Serial Number from the physical Battery view.

Name: BATTERY_BOARD
Description: SANnet II,FRU,Battery
Part Number: FBA-T002
Serial Number: **000129**
Revision: 01
Manufacturing Date: Tue Aug 12 19:31:38 2003
Manufacturing Location: Milpitas,CA,USA
Manufacturer JEDEC ID: 0x0301
FRU Location: LOWER BATTERY BOARD SLOT
Chassis Serial Number: 00822E
FRU Status: OK

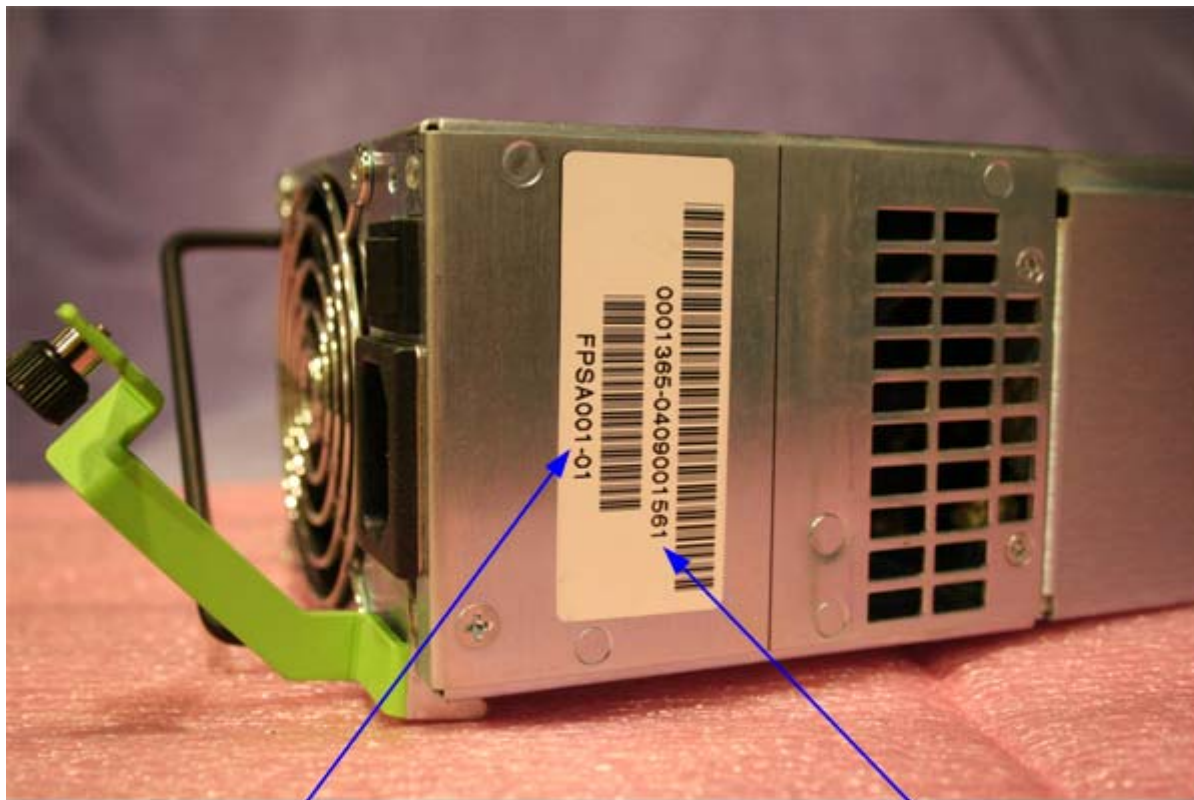## Using SANscape to locate Battery serial number

FC Battery Serial Number

Using HyperTerminal or Telnet to locate Battery serial number

Note: Not available through HyperTerminal or Telnet

Locating a Power Supply serial number (For all of SANnet II Family)

Note: The Part Number and Serial Number are located on the right side of each power supply. If the right power supply or fans are bad and the unit is rack mounted you will need to pull the power supply out to get the serial number for physical inspection. Otherwise you can use one of the optional software packages.

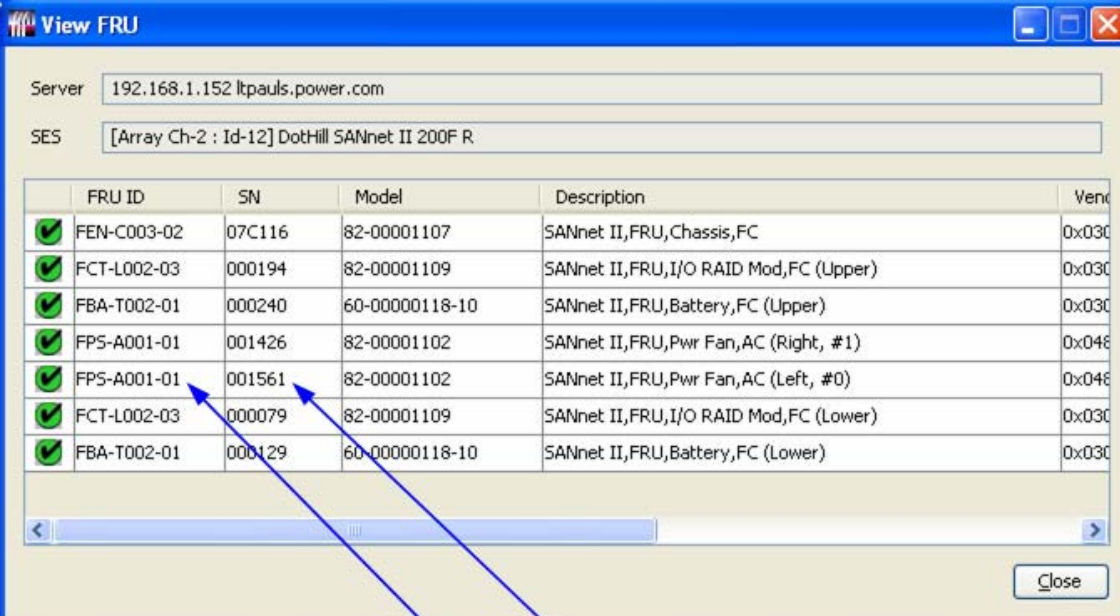Power Supply Part Number   Power Supply Serial Number

Using SCCLI 2.1.1 to locate Power Supply serial number

Output will be of all FRU's - Serial Number in Bold Red text – Sample is only of the Power Supply fru.

Note: 001561 are the same last six alpha-numeric of the Serial Number from the physical Power Supply view.

sccli> show fru
Name: AC_POWER_SUPPLY
Description: SANnet II,FRU,Pwr Fan,AC
Part Number: FPS-A001
Serial Number: **001561**
Revision: 01
Manufacturing Date: Sat Feb 28 15:07:19 2004
Manufacturing Location: Irvine California, USA
Manufacturer JEDEC ID: 0x048F
FRU Location: AC PSU SLOT #0 (LEFT)
Chassis Serial Number: 00822E
FRU Status: OK

Using SANscape to locate Power Supply serial number

Power Supply FRU and Serial Number

Using HyperTerminal or Telnet to locate Power Supply serial number

Note: Not available through HyperTerminal or Telnet

Locating the JBOD Chassis serial number

SN: 1094MIL-041107ECFB   SANnet II 200 AC JBOD   PN: DHS0274-01

Using SCCLI 2.1.1 to locate JBOD Chassis serial number

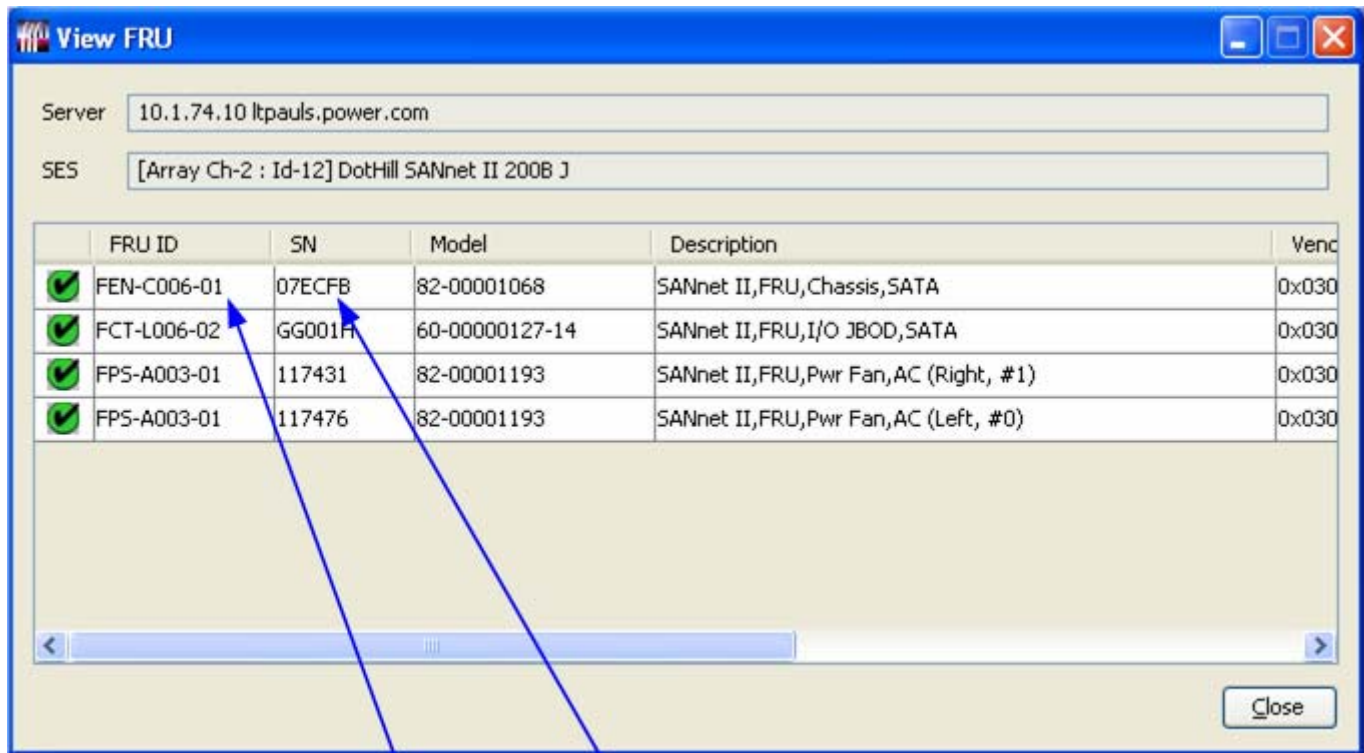Output will be of all FRU's - Serial Number in Bold Red text – Sample is only of the Chassis fru.

Note: 07ECFB are the same last 6 numbers of the Serial Number from the physical Chassis view.

SCCLI command

sccli> show fru
Name: FC_CHASSIS_BKPLN
Description: SANnet II,FRU,Chassis,SATA
Part Number: FEN-C006
Serial Number: **07ECFB**
Revision: 01
Manufacturing Date: Thu Jul 29 20:07:06 2004
Manufacturing Location: Milpitas California, USA
Manufacturer JEDEC ID: 0x0301
FRU Location: FC MIDPLANE SLOT
Chassis Serial Number: 07ECFB
FRU Status: OK
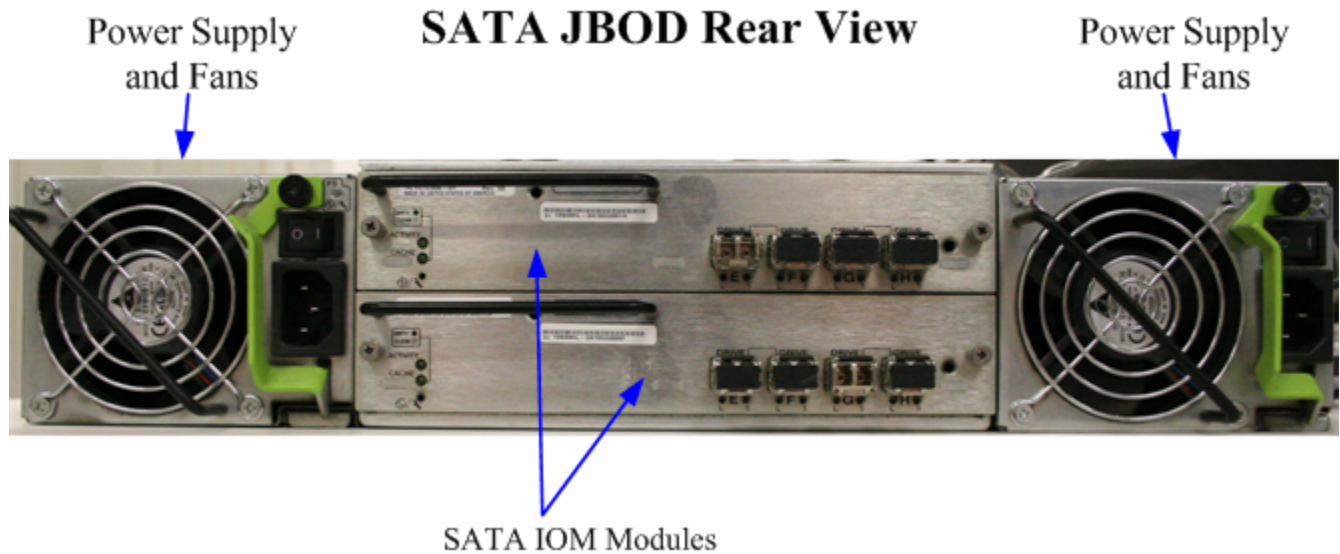
Using SANscape to locate JBOD Chassis serial number
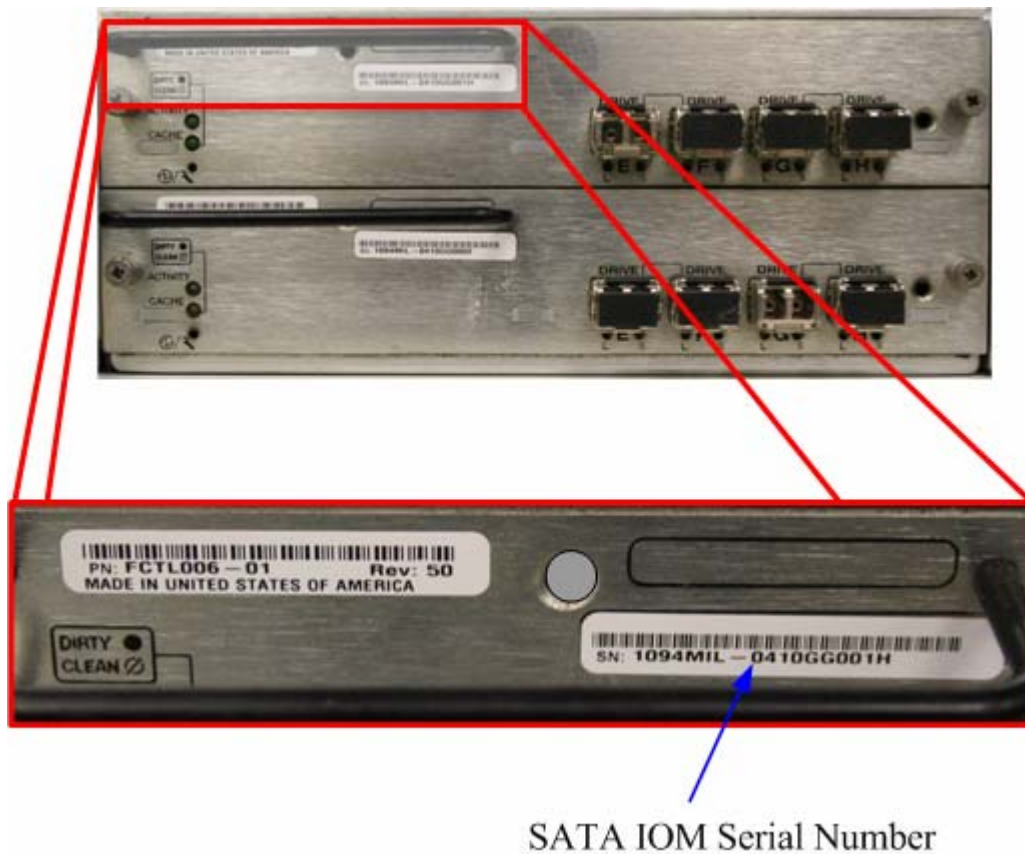

Chassis FRU and Serial Number from SANscape

Using HyperTerminal or Telnet to locate JBOD Chassis serial number

Note: Not available through HyperTerminal or Telnet.

Rear View of SANnet II 200 SATA JBOD Unit

SATA JBOD Rear View

Power Supply and Fans

Power Supply and Fans

SATA IOM Modules

Locating a IOM serial number

PN: FCTL006 — 01   Rev: 50
MADE IN UNITED STATES OF AMERICA

DIRTY
CLEAN

SN: 1094MIL — 0410GG001H

SATA IOM Serial Number

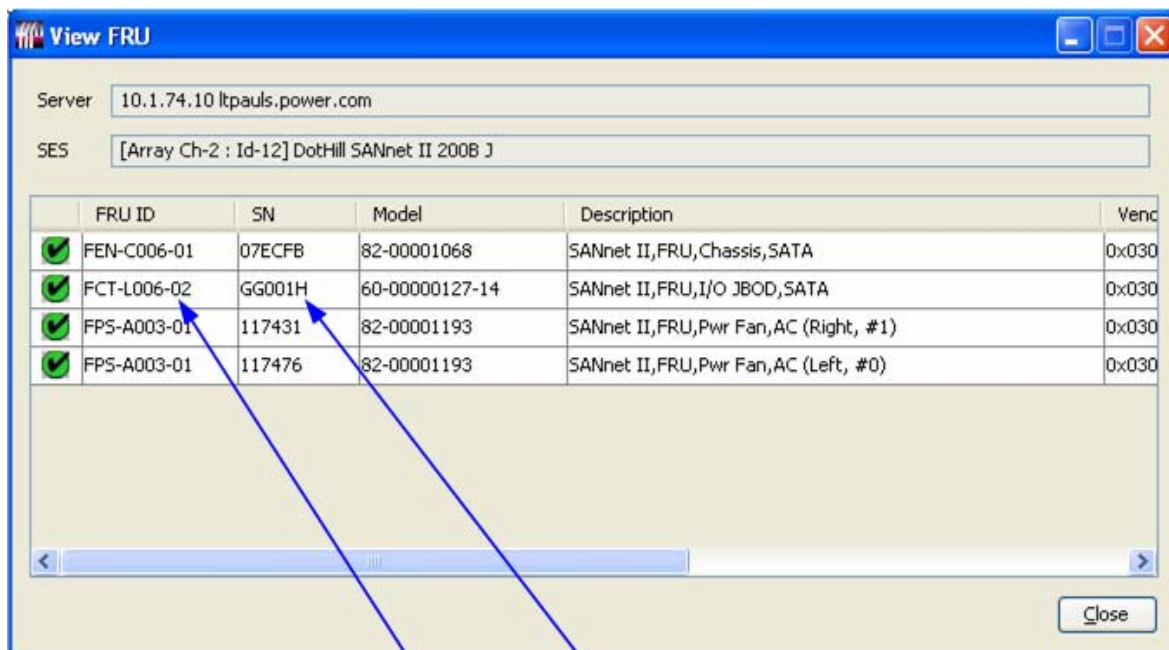## Using SCCLI 2.1.1 to locate JBOD IOM serial number

Output will be of all FRU's - Serial Number in Bold Red text – Sample is only of the IOM fru.

Note: GG001H are the same last 6 numbers of the Serial Number from the physical IOM view.

SCCLI command

```
sccli> show fru
Name: FC_JBOD_IOM
Description: SANnet II,FRU,I/O JBOD,SATA
Part Number: FCT-L006
Serial Number: GG001H
Revision: 02
Manufacturing Date: Fri Mar 04 01:56:19 2005
Manufacturing Location: Milpitas California, USA
Manufacturer JEDEC ID: 0x0301
FRU Location: UPPER FC JBOD IOM SLOT
Chassis Serial Number: 07ECFB
FRU Status: OK
```

Using SANscape to locate JBOD IOM serial number

IOM FRU and Serial Number from SANscape

Using HyperTerminal or Telnet to locate JBOD IOM serial number

Note: Not available through HyperTerminal or Telnet.

Locating a Power Supply serial number (For all of SANnet II Family)

Please see pages 13 and 14.