

5.1.4 Serial Port Operation

As is shown in Figures 57 and 5-8, a number of serial port diagnostic and maintenance commands are available for the user in the 'Serial Port Menu'. The menu options available will be identical for Hyperterminal as well as for any other communication software utility tool, such as Procomm Plus. The differences occur in the way that several of the commands proceed past the point of selecting the menu item. For the benefit of new users however, the whole sequence will be presented here for Hyperterminal, and then set out again separately later, for Procomm Plus.

5.1.4.1.1 '?': Show Serial Port Service Utility Key Assignments Menu

This command will display a list of functions as shown in Figure 5-7. If using the SCSI-FC Router in a distance solution, please note that functions that appear on the screen in Figure 5-7 are utilized with the host router (SCSI-FC Router H). This is also the screen that will appear if the router is being used as a connectivity device. Figure 5-8 shows the menu that appears for use by the device router (SCSI-FC Fabric Router).

```
Serial Port Service Utility Key Assignments:

'1': Show VPD
'2': Show SCSI Map
'R': Force Hardware Reset
'C': Clean Up Configuration Table
'H': Download SCSI-FC Router H Microcode From Local Computer
'D': Download SCSI-FC Router D Microcode From Local Computer
'?': Show Serial Port Service Utility Key Assignments Menu
'q': Quit Serial Port Service Utility:
```

Figure 5-7. Serial Port Menu (for Host Router in Distance Solution)

```
User Service Utility Key Assignments:

'?': Show User Service Utility Key Assignments Menu
'1': Show VPD
'2': Show LUN Map
'3': Download SVE Microcode from Local Computer
'4': View/Change Response to SV Management Programs
'5': Clear Error Log
'6': View/Change Interface Configuration
'7': Virtual Drive Utility
'9': Clear SAN database
'R': RASD
'Q': Quit Serial Port Service Utility
```

Figure 5-8. Serial Port Menu (for Fabric Solution)

5.1.4.1.2 '1': Display VPD

This function is used to display important information (***Vital Product Data***) for attached SCSI-FC Router. See Figure 5-9 "VPD Screen". In this function, an attached SCSI-FC Router is referred to as the local SCSI-FC Router.

```
***** SHOW LOCAL SCSI-FC ROUTER VPD *****

Product Type: SCSI-FC Router H
SCSI-FC router H Firmware Revision: 7.60.15 08-17-1999 11:30:36
SCSI-FC router D Firmware Revision: 2.04.06 08-10-1999 10:38:27
Loader Revision: 1.09.08
Unique ID: 00000060-2200360C
Unit Serial Number: 00220006
PCB Number: 00179289

DIP SW1 = 1111110  DIP SW2 = 00000011 (1 = down : 0 = up)
          76543210          76543210
```

Figure 5-9. VPD Screen

1. To display the VPD screen of the local SCSI-FC Router, enter the number one '1'.
2. **Product Type** – The first line describes the use of the local SCSI-FC Router.
 - SCSI-FC Router H - An 'H' represents host router.
 - SCSI-FC Router D - A 'D' represents a device router.
3. **SCSI-FC Router H/D Firmware Revision** – These screen items provide the firmware/microcode revision level and the date and time of development for the respective routers.
4. **Loader Revision** – displays the local SCSI-FC Router's loader revision level (for internal use only).
5. **Unique ID** – displays the local SCSI-FC Router's unique ID assigned by the manufacturer.
6. **Unit Serial Number** – displays the local SCSI-FC Router's Unit Serial Number.
7. **PCB Number** - displays the local SCSI-FC Router's Printed Circuit Board number (for internal use only).
8. **DIP SW1 = 0000101 DIP SW2 = 1111111** – displays the DIP switch setting of SW1 and SW2.