

C.1 SCSI Target ID Number Addressing

C.1.1 SCSI Drive Tray

The default SCSI ID numbers for devices in the SCSI tray are:

Table C-1 SCSI Tray Default SCSI ID Numbers

Device	ID
CD-ROM drive	6
Tape drive	5

C.1.2 Internal Disk Drives

The default SCSI ID numbers for internal disk drives are:

Table C-2 Internal Disk Drive Default SCSI ID Numbers

Drive Slot	ID Number
0	0
1	1
2	2
3	3

Table C-2 Internal Disk Drive Default SCSI ID Numbers (Continued)

Drive Slot	ID Number
10	10
11	11
12	12
13	13
14	14
15	15

C.2 Device Naming Conventions

SCSI devices are identified by path names or aliases.

A full path name can be of the form, `/sbus@1f,0/cgsix@1,0`.

A short path name does not include address information. For example, the full path name shown above can be shortened to `/sbus/cgsix`. This form of name can be ambiguous if more than one of the devices is installed.

An alias is another form of short name. Some common aliases are:

Table C-3 Examples of Alias Names

Alias	Full Path Name
net	<code>/sbus@3,0/SUNW,hme@3,8c00000</code>
cdrom	<code>/sbus@3,0/SUNW,fas@3,8800000/sd@6,0:f</code>
ttya	<code>/central/fhc/zs@0,902000:a</code>
ttyb	<code>/central/fhc/zs@0,902000:b</code>
screen	<code>/SUNW,ffb@2,0</code>

Use the OpenBoot `devalias` command to list current aliases.

C.3 SCSI Cable Length

Do not attach any external SCSI devices to the onboard SCSI connector of the I/O board in card cage slot 1. To add external SCSI devices, use the SBus slots on the I/O board, or add a second I/O board.

The maximum combined length for a string of SCSI cables is six meters for non-differential cables. For differential SCSI cables, the maximum is 25 meters.

To calculate the total length of a SCSI string, include external cables, internal cables, and printed traces. Table C-4 lists measurements for Enterprise servers.

Table C-4 Internal SCSI Lengths (Approximate)

Location	Internal Length
SBus I/O board	0.43 meter
Graphics I/O board	0.43 meter

C.4 SCSI Termination

The I/O board in slot 1 of any Enterprise server must be terminated. This slot connects to the internal SCSI disk drives and the optional internal CD-ROM and tape drives.

The SCSI bus on an I/O board in any other slot must be terminated only if SCSI devices are connected to that board.

