Table 10-17 Fibre Channel Ex Device Path Example

Byte Offset	Byte Length	Data	Description
0	1	0x02	**Generic Device Path Header** – Type ACPI Device Path
1	1	0x01	Sub type – ACPI Device Path
2	2	0x0C	Length – 0x0C bytes
4	4	0x41D0, 0x0A03	_HID PNP0A03 – 0x41D0 represents the compressed string 'PNP' and is encoded in the low order bytes. The compression method is described in the ACPI Specification.
8	4	0x0000	_UID
12	1	0x01	**Generic Device Path Header** – Type Hardware Device Path
13	1	0x01	Sub type – PCI
14	2	0x06	Length – 0x06 bytes
16	1	0x0	PCI Function
17	1	0x1F	PCI Device
18	1	0x03	**Generic Device Path Header** – Type Message Device Path
19	1	0x15	Sub type – Fibre Channel Ex
20	2	0x14	Length – 20 bytes
21	1	0x00	8 byte array containing Fibre Channel End Device Port Name (a.k.a., World Wide Name)
22	1	0x01	
23	1	0x02	
24	1	0x03	
25	1	0x04	
26	1	0x05	
27	1	0x06	

Table 10-1 Generic Device Path Node Structure

Mnemonic	Byte Offset	Byte Length	Description
Type	0	1	Type 0x01 – Hardware Device Path Type 0x02 – ACPI Device Path Type 0x03 – Messaging Device Path Type 0x04 – Media Device Path Type 0x05 – BIOS Boot Specification Device Path Type 0x7F – End of Hardware Device Path
Sub-Type	1	1	Sub-Type – Varies by Type. (See Table 10-2.)
Length	2	2	Length of this structure in bytes. Length is 4 + *n* bytes.
Specific Device Path Data	4	n	Specific Device Path data. Type and Sub-Type define type of data. Size of data is included in Length.

BUG!!! Valid values are 1,2,3,4,5,0x7F

28	1	0x07	
29	1	0x00	8 byte array containing Fibre Channel Logical Unit Number
30	1	0x01	
31	1	0x02	
32	1	0x03	
33	1	0x04	
34	1	0x05	
35	1	0x06	
36	1	0x07	
37	1	0xFF	**Generic Device Path Header** – Type End of Hardware Device Path
38	1	0xFF	Sub type – End of Entire Device Path
39	2	0x04	Length – 0x04 bytes

OK

Table 10-2 Device Path End Structure

Mnemonic	Byte Offset	Byte Length	Description
Type	0	1	Type 0x7F – End of Hardware Device Path
Sub-Type	1	1	Sub-Type 0xFF – End Entire Device Path, or Sub-Type 0x01 – End This Instance of a Device Path and start a new Device Path
Length	2	2	Length of this structure in bytes. Length is 4 bytes.

Table 10-2 Device Path End Structure

Mnemonic	Byte Offset	Byte Length	Description
Type	0	1	Type 0x7F – End of Hardware Device Path
Sub-Type	1	1	Sub-Type 0xFF – End Entire Device Path, or Sub-Type 0x01 – End This Instance of a Device Path and start a new Device Path
Length	2	2	Length of this structure in bytes. Length is 4 bytes.