Date: 11/6/08

To: T10 Committee (SCSI)

From: George Penokie (LSI)

Subject: SES-3: Adding the No Access Allowed to invalid list

1 Overview

When the 8h (i.e, No Access Allowed) was added to the ELEMENT STATUS CODE field that code should have been added to the list of reasons that the invalid bit is set to one in the additional element status diagnostic page. The text below fixes this problem.

2 SES-3 changes

6.1.13 Additional Element Status diagnostic page

6.1.13.1 Additional Element Status diagnostic page overview

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The format of the Additional Element Status descriptor with the EIP bit set to one is shown in table 1.

Table 1 — Additional Element Status descriptor with the EIP bit set to one

Byte\Bit	7	6	5	4	3	2	1	0
0	INVALID	Reserved		EIP (1b)	PROTOCOL IDENTIFIER			
1	ADDITIONAL ELEMENT STATUS DESCRIPTOR LENGTH (x - 1)							
2	Reserved							
3	ELEMENT INDEX							
4	Protocol-specific information							
x								

The format of the Additional Element Status descriptor with the EIP bit set to zero is shown in table 2.

Table 2 — Additional Element Status descriptor with the EIP bit set to zero

Byte\Bit	7	6	5	4	3	2	1	0
0	INVALID	Reserved		EIP (0b)	PROTOCOL IDENTIFIER			
1	ADDITIONAL ELEMENT STATUS DESCRIPTOR LENGTH (x - 1)							
2	Protocol-specific information							
x								

An INVALID bit set to one indicates that the contents of the protocol-specific information are invalid. An INVALID bit set to zero indicates that the contents of the protocol-specific information are valid. The enclosure services process may set the INVALID bit to one when the ELEMENT STATUS CODE field in the element status for the associated element (see table 62 in 7.2.3) is set to 5h (i.e., not installed), 6h (i.e., unknown), ~~or~~ 7h (not available), or 8h (i.e., No Access Allowed).