

## T10/08-047r1 SMC-3 New Tape Alert flags

To: T10 Technical Committee  
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Subject: T10/08-047r0 SMC-3 New Tape Alert flags

### Revision History

Revision 0 (04 January 2008): initial revision  
Revision 1 (27 April 2008): incorporated comments from Rod Wideman

### Related Documents

SMC-3 r10 - SCSI Media Changer Commands – 3, revision 10

### Overview

The media changer tape alert flags report about certain events/error conditions within the media changer. This proposal creates four new flags for specific error conditions that currently have no dedicated flag.

### Changes to SMC3:

Add the following tape alert flags to table A.1:

Code	Flag	Type	Flag Type	Recommended application client message	Probable cause
21h	Library Inventory Overloaded	O	C	A data transfer element is unable to unload a cartridge because there is no free slot within the inventory. Remove a cartridge from the inventory to recover.	Inserted full magazines while there was a cartridge in the drive
22h	Media Transport Element Full	O	W	The library capabilities are limited because one of the media transport elements is full. Remove cartridge from the media transport element to recover.	Last move operation did not complete successfully
23h	No Cleaning Cartridge	O	W	The library is managing cleaning of the tape drive(s), but there is no cleaning cartridge available in the inventory. Add a cleaning cartridge to the inventory to recover.	No cleaning cartridge available
24h	Expired Cleaning Cartridge	O	W	The library is managing cleaning of the tape drive(s), but at least one of the cleaning cartridges has expired. Replace the expired cleaning cartridge with a new cleaning cartridge to recover.	Expired cleaning cartridge