

To: T10 Technical Committee  
 From: Mark Overby, NVIDIA Corporation (moverby@nvidia.com)  
 Date: 07 July 2006  
 Subject: T10/06-325r0 SAT-2: Application Client Specific Log Page Translation

### **Revision History**

Revision 0 - Initial draft of document

### **Related Documents**

SPC-4 (T10/1731-D rev 05a)

## **1 Overview**

This proposal defines a new ASC/ASCQ that specifically indicates that commands were cleared by the device server, not by another initiator. This is needed because in a SAT environment, a queue may be cleared because of an event on the end ATA device that has nothing to do with other initiators. It would be misleading to use 2Fh/00h which indicates that the event happened because of another initiators action. There is no generic 2Fh/xxh code that just indicates that commands were cleared for an unknown reason.

## **2 Document Changes**

### **2.1 Changes to SPC-4 (T10/1731-D rev 05a)**

Add the following new ASC / ASCQ to table 28

ASC	ASCQ	D	T	L	P	W	R	O	M	A	E	B	K	V	F	Description
2Fh	TBD	D	T	L	P	W	R	O	M	A	E	B	K	V	F	COMMANDS CLEARED BY DEVICE SERVER

The ASC/ASCQ is also added to Table D.1 based on the ASCQ assigned.

ASCQ to be assigned by the SPC-4 editor at their discretion.