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

<table>
<thead>
<tr>
<th>ASC</th>
<th>ASCQ</th>
<th>D</th>
<th>T</th>
<th>L</th>
<th>P</th>
<th>W</th>
<th>R</th>
<th>O</th>
<th>M</th>
<th>A</th>
<th>E</th>
<th>B</th>
<th>K</th>
<th>V</th>
<th>F</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2Fh</td>
<td>TBD</td>
<td>D</td>
<td>T</td>
<td>L</td>
<td>P</td>
<td>W</td>
<td>R</td>
<td>O</td>
<td>M</td>
<td>A</td>
<td>E</td>
<td>B</td>
<td>K</td>
<td>V</td>
<td>F</td>
<td>COMMANDS CLEARED BY DEVICE SERVER</td>
</tr>
</tbody>
</table>

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.