

ENDL TEXAS

Date: 11 July 2006
 To: T10 Technical Committee
 From: Ralph O. Weber
 Subject: Statistics Group Number inconsistencies in SPC-4, SSC-3, and MMC-5

In SPC-4 r05a, table 235 lists the commands to be treated as read/write commands as follows (red lettering added for emphasis vis a vis this proposal).

In the Statistics and Performance log pages, read and write commands are those shown in table 235.

Table 235 — Statistics and Performance log pages read and write commands

Read commands	Write commands
READ(6)	WRITE(6)
READ(10)	WRITE(10)
READ(12)	WRITE(12)
READ(16)	WRITE(16)
READ(32)	WRITE(32)
READ CD	WRITE AND VERIFY(10)
READ CD MSF	WRITE AND VERIFY(12)
READ REVERSE(16)	WRITE AND VERIFY(16)
XDREAD(10)	WRITE AND VERIFY(32)
XDREAD(32)	XDWRITE(10)
	XDWRITE(32)

The proper operation of the Statistics and Performance log page requires the presence of a GROUP NUMBER field in the CDB of read/write commands, but none of the commands shown in red include a GROUP NUMBER field in their CDB definitions.

Changes to SSC-3 and MMC-6 are required to define the missing GROUP NUMBER field and no entries on the SSC or MMC working group agendas propose such changes.

To correct the inconsistent definitions for the Statistics and Performance log page, the following changes are proposed for SPC-4 (note: no changes are proposed for SSC-3 or MMC-6).

Proposed SPC-4 changes

All table number references are based on SPC-4 r05a.

Remove the READ CD, READ CD MSF, and READ REVERSE(16) commands from table 235.

Remove MMC-6 from table footnote b in table 243.

Change the R to blank in the table D.10 entries for all log pages with log page code 19h.