

memorandum



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T10/07-292r1

To INCITS T10 Committee
From Michael Banther, HP
Subject ADC-2 Resolve HPQ-269 and QTM-140

Date
9 July 2007

Revision History

07-292r0 – Initial document.

07-292r1 – Incorporates comments from July 2007 ADI-2 working group.

Related documents

Automation/Drive Interface – Commands – 2 (ADC-2), T10/1741-D, revision 7e, 31 May 2007.

Background

HP and Quantum registered comments HPQ-269 and QTM-140 respectively during letter ballot for ADC-2. These comments point out a technical problem with the last sentence of the first paragraph below table 46. The ADC-2 editor has requested a proposal to resolve these letter ballot comments. This proposal fulfils that request.

In this proposal, deleted text appears in **red-strikeout**, new text appears in **blue**, and comments that do not form a part of the proposal appear in **pink**.

Changes to the ADC-2 draft standard

6.2.2.2.5 Serial Attached SCSI descriptor parameter format

A DT device receiving a MODE SELECT command (see SPC-3) for an enabled DT device primary port, where the command attempts to change the port identifier (see table 47), shall return CHECK CONDITION status with the sense key set to ILLEGAL REQUEST and the additional sense code set to INVALID FIELD IN PARAMETER LIST. If the DT device primary port is disabled, then the **DT device automation application client** may change the ~~MPI field or PORT IDENTIFIER field~~ DT device primary port identifier and enable the DT device primary port with the same MODE SELECT command.