To: T10 Technical Committee
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Date: 8 June 2001
Subject: SAM-2 layering terminology proposal

Revision History
Rev 0 8 June 2001 Original version

Related Documents
T10/SAM2r18 SCSI Architecture Model - 2, revision 18 (Weber)
T10/SPC2r19 SCSI Primary Commands - 2, revision 19 (Weber)

The SCSI architecture is described in terms of layers, with the bottom layer called "Physical Interconnect Layer" (SAM-2, Protocol service reference model, p. 45), and the next layer called "SCSI Protocol Layer" (ibid.) or "Transport Protocol" (SPC-2, SCSI document relationships, p. 1).

"Physical Interconnect Layer" seems to be an anachronism, as current work focuses on more abstract views of the interconnect. Proposed: The bottom layer of the SCSI Architecture Model Protocol service reference model shall be titled "Interconnect Layer".

"Transport Layer" does not provide sufficient distinction from the transport(s) provided by the interconnect layer, and "SCSI Protocol Layer" appears insufficiently descriptive. Proposed: The middle layer of the SCSI Architecture Model Protocol service reference model shall be titled "SCSI Transport Protocol Layer".