To: INCITS T10 Committee

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Subject: Definitions clause clean-up in ADT

1. Revision History

Revision 0:
Posted to the T10 web site 25 March 2003.

2. General

The definitions clause in ADT is made up of definitions from the editor's template and several definitions from SAS, with several definitions added by the working group that is creating this standard. Several of the template definitions are not consistent with SAM-2, SPC-2, and other reference standards. Others are obsolete in future standards or never used within the context of this standard. This proposal suggests changes to the definitions to correct these issues.

3. Proposal

3.1   Proposed changes to subclause 3.1, definitions

All uses of the term "SCSI Architectural Model-2" should be replaced with "SAM-2".

This proposal list the term that is defined and the suggested change to the definition:

Term	Suggested definition change
acknowledgement IU	Add reference to sub clause 6.5.3.
application client	SAM-2
asynchronous event notification	Remove
auto-contingent allegiance	SAM-2
contingent allegiance	Remove
device server	Minor change to match SAM-3 ("the" to "a", "execute" to "process",…)
hard reset	Update to match SAM-3 and add a reference to the subclause that describes the action, when such a subclause is added.
indication	Remove
logical unit	Replace with definition from SAM-3

Term	Suggested definition change
logical unit reset	SAM-2
logical unit reset event	Replace with definition from SAM-3 with references to SAM-2.
nexus	Replace with definition from SAM-3 (almost identical with SAM-2).
object	Replace with definition from SAM-3.
port	Replace with definition from SAM-2 and SAM-3.
SCSI initiator device	Replace with definition from SAM-2 and SAM-3.
SCSI initiator port	Replace with definition from SAM-3.
SCSI target device	Replace with definition from SAM-3.
SCSI target port	Replace with definition from SAM-3.
target	Remove, if we can rid the standard of the term.
task	Replace with definition from SAM-2 and SAM-3 (remove second sentence)
task manager	Replace with definition from SAM-3.
task management function	Replace "execution" with "processing".
task set	Replace with definition from SAM-3

Add the following definitions:

Term	Suggested definition change
SCSI port	Copy definition from SAM-3
SCSI device	Copy definition from SAM-3

3.2   Proposed changes to subclause 3.2, symbols and abbreviations

Remove the following terms:
- CA
- CMOS
- CRC (fix note 4 to use the term checksum instead of CRC)
- DUT
- EMI
- EMC
- ESD
- ISI
- SCSI-2 (fix SSC definition in subclause 2.2).

Add acronyms for:
- SAM-3
- SSC
- SSC-2
- SPC-3
- SMC
- SMC-2
- SPI-5
- FCP-2

3.3   Proposed changes in subclause 3.3, keywords

Replace the following keyword definitions with definitions from SAM-3.
- Mandatory
- May
- May not
- Should