To: INCITS T10 Committee

From: Paul Entzel, Quantum

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Document: T10/05-120r1

Subject: ADC-2: update to SAM-3, SPC-3, and ADT-2

1 Revision History

Revision 0:
Posted to the T10 web site on 10 March 2005.

Revision 1:
Updated with comments at the May 2005 T10 meeting.

2 General

Per the project proposal for ADC-2, the standard needs to be modified to reference SAM-3 and SPC-3
instead of SAM-2 and SPC-2. Most of these changes are strictly editorial, and many were made during
the letter ballot process for ADC. This document proposes changes to accomplish this task where the
change is technical in nature.

3 Throughout

Change all references from SAM-2 to SAM-3 except the reference for Contingence Allegiance in subclause
4.2.3.2.

Change all references from SPC-2 to SPC-3 except references to classic reservation commands in subclause
4.2.3.2.

Change all references from ADT to ADT-2.

4 Changes to clause 3

Update the definitions that are common with SAM-3 to match the definitions in SAM-3. This affects the following
definitions:
　　1. application client
　　2. I_T_L_Q nexus
　　3. nexus
　　4. task

Also, either add a definition for the term "SCSI device" (used in several definitions) or add a reference to SAM-3
where it is used.

5 Changes to clause 5

Add to table 5 the following commands added to SPC-3:

Command name	Operation code	Required	Reference
ACCESS CONTROLS IN	86h	O	SPC-3
ACCESS CONTROLS OUT	87h	O	SPC-3
CHANGE ALIASES	A4h/0Bh	O	SPC-3
EXTENDED COPY	83h	O	SPC-3
READ MEDIA SERIAL NUMBER	ABh/01h	O	SPC-3
RECEIVE COPY RESULTS	84h	O	SPC-3
REPORT ALIASES	A3h/0Bh	O	SPC-3
REPORT PRIORITY	A3h/0Eh	O	SPC-3
REPORT TIMESTAMP	A3h/0Fh	O	SPC-3
SET PRIORITY	A4h/0Eh	O	SPC-3
SET TIMESTAMP	A4/0Fh	O	SPC-3