

Accredited Standards Committee*
InterNational Committee for Information Technology Standards (INCITS)

Doc. No.: T10/04-226r0

Date: July 15, 2004

Reply to: John Lohmeyer

To: T10 Membership
From: Mark Evans and John Lohmeyer
Subject: SAT SG -- July 13, 2004
Colorado Springs, CO

Agenda

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2. Approval of Agenda
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4. Old Business
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5. New Business
 - 5.1 SAT: SCSI / ATA Translation Initial Draft (04-196r0) [Sheffield]
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 - 5.4 SAT SPC-3 ATA Information VPD page (04-219r0) [Elliott]
6. Review of Recommendations
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Results of Meeting

1. Opening Remarks

John Lohmeyer called the meeting to order at 9:00 a.m. Tuesday, June 13, 2004. He thanked LSI Logic for hosting the meeting. As usual, the people present introduced themselves. John reminded the group that this is a study group meeting. This will become a working group when the project proposal is approved.

2. Approval of Agenda

The draft agenda was approved with no changes.

No items were added or revised during the course of the meeting.

3. Attendance and Membership

Attendance at study group meetings does not count toward minimum attendance requirements for T10 membership. Study group meetings are open to any person or organization directly and materially affected by T10's scope of work. The following people attended the meeting:

Name	S	Organization	Electronic Mail Address
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*Operating under the procedures of The American National Standards Institute.
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Mr. Haluk Aytac	V	AMCC	haytac at amcc dot com
Mr. Robert Snively	P	Brocade Comm. Systems, Inc.	rsnively at brocade dot com
Mr. Kevin Marks	P	Dell, Inc.	kevin_marks at dell dot com
Mr. Kenneth Hirata	A	Emulex	Ken dot Hirata at Emulex dot com
Mr. Curtis Nottberg	V	Emulex	curtis dot nottberg at emulex dot com
Mr. Ralph O. Weber	P	ENDL Texas	roweber at ieee dot org
Mr. Mike Fitzpatrick	P	Fujitsu	mfitzpatrick at fcpa dot fujitsu dot com
Mr. Rob Elliott	P	Hewlett Packard Co.	Elliott at hp dot com
Mr. Steven Fairchild	V	Hewlett Packard Co.	Steve dot Fairchild at hp dot com
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Mr. George O. Penokie	P	IBM / Tivoli Systems	gop at us dot ibm dot com
Mr. Dave Draggon	V	intel	dave dot a dot draggon at intel dot com
Mr. Robert Sheffield	P	Intel Corp.	robert dot l dot sheffield at intel dot com
Mr. Roger Jeppsen	AV	Intel Corporation	roger dot c dot jeppsen at intel dot com
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Mr. Joe Breher	V	Lingua Data	joe at q-music dot com
Mr. Samantha Ranaweera	V	LSI Logic Corp	srana wee at lsil dot com
Mr. Brad Besmer	V	LSI Logic Corp.	brad dot besmer at lsil dot com
Mr. Steve Johnson	V	LSI Logic Corp.	sjohnson at lsil dot com
Mr. John Lohmeyer	P	LSI Logic Corp.	lohme yer at t10 dot org
Mr. Martin Czekalski	A	Maxtor Corp.	marty_czekalski at maxtor dot com
Mr. Mark Evans	P	Maxtor Corp.	mark_evans at maxtor dot com
Mr. Jeff Mastro	A	Microsoft Corp.	jmastro at microsoft dot com
Mr. Edward A. Gardner	V	Ophidian Designs	eag at ophidian dot com
Mr. Greg Elkins	V	QLogic Corp.	greg dot elkins at qlogic dot com
Mr. Gerald Houlder	P	Seagate Technology	gerry dot houlder at seagate dot com
Mr. Steven Sletten	V	Sun Microsystems, Inc.	steven dot sletten at sun dot com
Mr. Yutaka Arakawa	P	Toshiba	yutaka dot arakawa at tais dot toshiba dot com
Mr. Curtis Stevens	AV	Western Digital	Curtis dot Stevens at wdc dot com
Mr. Nigel Hart	V	Xyratex	nigel_hart at xyratex dot com

Mr. Rich Ramos

V Xyratex

rich_ramos at us dot
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32 People Present

Status Key: P - Principal
A,A# - Alternate
AV - Advisory Member
L - Liaison
V - Visitor

4. Old Business

4.1 SAT: Project Proposal for SCSI / ATA Translation (SAT) (04-174r2) [Sheffield]

Ralph Weber mentioned that the document number on the proposal needs to be corrected and that there were other minor editorial corrections required. Bob Sheffield and John Lohmeyer said that they would make the necessary corrections and make a new revision of the document. (However, Ralph Weber beat them to it.)

John Lohmeyer moved that the project proposal as modified (04-174r3) be recommend for forwarding to INCITS by the T10 plenary. Ralph Weber seconded the motion. The motion passed unanimously.

5. New Business

5.1 SAT: SCSI / ATA Translation Initial Draft (04-196r0) [Sheffield]

Bob Sheffield presented his proposal that is a candidate to become the first draft of the project. Most of the discussion was about what topics should be described in the standard (e.g., the mapping of queued features from SCSI to take advantage of SATA Native Command Queuing and the processing of task management functions).

Bob agreed to prepare a new revision of the proposal including input from the group. Assuming the project proposal is forwarded by the plenary and approved by INCITS, this will be revision 0 of the draft standard.

5.2 SAT: ATA Pass-through commands [Livaccari]

Due to the late hour, discussion of this topic was deferred to the next meeting.

5.3 SAT INQUIRY contents (04-218r0) [Elliott]

Rob Elliott presented his proposal (04-218r0) mapping standard INQUIRY data from the SAT translator. There was discussion about whether this data should reflect the translator or the ATA devices below the translator.

Rob agreed to prepare a new revision of the proposal including input from the group.

5.4 SAT SPC-3 ATA Information VPD page (04-219r0) [Elliott]

Rob Elliott briefly reviewed his proposal (04-219r0) mapping standard VPD data from the SAT translator.

Rob agreed to prepare a new revision of the proposal including input from the group.

6. Review of Recommendations

Mark Evans noted that the following recommendation was made to the T10 plenary:

Project Proposal for SAT (04-174r3) [Sheffield] {r2 as modified, unanimous}

7. Meeting Schedule

SAT Working Group meetings are scheduled for:

Thursday, August 26, 2004 commencing at 1:00 PM in Boulder, CO at the Boulderado Hotel (800-433-4344), hosted by Maxtor Corporation.

Tuesday, September 14, 2004 commencing at 9:00 a.m. in Nashua, NH at the Crowne Plaza Hotel (603-886-1200), hosted by Hitachi Cable Manchester.

The group will hold a teleconference on August 12th, with details on the T10 web site.

Additional teleconference calls may be announced on the T10 reflector as needed.

8. Adjournment

The meeting was adjourned at 1:00 PM on Tuesday, July 13, 2004.