

Accredited Standards Committee*

InterNational Committee for Information Technology Standards (INCITS)

Doc. No.: T10/08-430r1

Date: December 7, 2009

Reply to: John Lohmeyer

To: T10 Membership
From: Ralph Weber / John Lohmeyer
Subject: Minutes of T10 Plenary Meeting #88 -- November 6, 2008
Santa Ana, CA

Agenda

1. Opening Remarks
2. Approval of Agenda
3. Attendance and Membership
4. Approval of Minutes - September 2008 - Colorado Springs, CO (T10/08-355r0)
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6. Call for Patents
7. Review of Old Action Items
8. Project Status Reports
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 - 8.1.1 INCITS Antitrust Guidelines
 - 8.2 SCSI Enclosure Services - 2 (SES-2) Project 1559-D [Elliott]
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 - 8.4 SCSI Architecture Model - 4 (SAM-4) Project 1683-D [Penokie]
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 - 8.8 Automation/Drive Interface - Transport Protocol - 2 (ADT-2) Project 1742-D [Suhler]
 - 8.9 Serial Attached SCSI - 2 (SAS-2) Project 1760-D [Elliott]
 - 8.10 SCSI Block Commands - 3 (SBC-3) Project 1799-D [Evans]
 - 8.11 SCSI / ATA Translation - 2 (SAT-2) Project 1826-D [Overby]
 - 8.12 Fibre Channel Protocol - 4 (FCP-4) Project 1828-D [Peterson]
 - 8.13 MultiMedia Command Set - 6 (MMC-6) Project 1836-D [McFerrin]
 - 8.14 Automation/Drive Interface - Commands - 3 (ADC-3) Project 1895-D [Suhler]
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 - 8.16 SCSI Architecture Model - 5 (SAM-5) Project 2104-D [Penokie]
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 - 8.20 SCSI / ATA Translation - 3 (SAT-3) Project 2126-D [Overby]
 - 8.21 Object-Based Storage Devices - 3 (OSD-3) Project 2128-D [Weber]
9. ISO/IEC
 - 9.1 ISO/IEC Report [Robinson]
 - 9.2 ISO/IEC Business [Robinson]

*Operating under the procedures of The American National Standards Institute.

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10. Old Business
11. New Business
 - 11.1 Actions on SAS Protocol Working Group Recommendations
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12. Liaison Reports
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13. Review of Action Items
14. Meeting Schedule
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Results of Meeting

1. Opening Remarks

John Lohmeyer, the T10 Chair, called the meeting to order at 1:30 p.m., Thursday November 6, 2008. He thanked Curtis Stevens of Western Digital for hosting the meeting.

John said that INCITS subgroup membership forms and the T10 document subscription forms are available on the meeting web site. He said that people should use these forms to ensure the INCITS Secretariat has the latest membership information. These forms should be mailed directly to the INCITS Secretariat.

As is customary, the people attending introduced themselves. Attendance (see enclosure 1) was taken electronically via the meeting web site.

2. Approval of Agenda

No additions/changes were made to the draft agenda.

John Lohmeyer moved and Ralph Weber seconded that the agenda be approved. In the absence of any objections, the motion passed unanimously.

The following items were added or modified in the agenda during the course of the meeting:

none

3. Attendance and Membership

The membership requirements were reviewed. INCITS rules permit one vote per organization. An individual from a new organization must attend two out of three consecutive plenary meetings. He/she may apply for voting membership the second meeting via a letter to the Chair of T10. The individual may begin voting at the beginning of his/her second meeting. People who continue to attend T10 meetings are expected to join T10 and to pay INCITS Service Fees.

To maintain membership, organizations must pay the INCITS Service Fee (\$1200 per year).

There are also minimum attendance requirements to maintain voting membership on T10. If a member organization fails to attend two of the last three T10 meetings, they are warned that failing to attend the next T10 meeting would result in their membership being terminated.

The Chair said he had sent e-mails to 2 people from 1 organization informing them that the organization's membership was in jeopardy due to non-attendance (see 08-385r0) and that their membership would be terminated if they did not attend this meeting. The following organization was in attendance jeopardy:

Symantec Corporation

All organizations in attendance jeopardy were present.

Had any organizations not been present, their membership would have been changed to Advisory (non-voting) status.

John called for requests to join the committee. No organizations joined at this meeting.

The T10 membership during the meeting was 33 organizations, unchanged from the 33 member organizations extant at the time the meeting was convened. Enclosure (1) is the list of the people present at the meeting and enclosure (3) is the current T10 membership list.

John Lohmeyer reminded members that failure to vote on two out of the last three letter ballots also would result in membership jeopardy. Accelerated and personnel letter ballots are not included in letter ballot jeopardy calculations.

The current letter ballot jeopardy status was as shown:

T10 Letter Ballot Jeopardy Report -- 2008/09/05

No organizations have failed to vote on recent letter ballots.

Key:

Yes	Organization voted Yes
No	Organization voted No
Abs	Organization voted Abstain
DNV	Organization failed to return letter ballot
--	Organization was not a voting member for the letter ballot
(*)	Organization is in letter ballot jeopardy

4. Approval of Minutes - September 2008 - Colorado Springs, CO (T10/08-355r0)

John Lohmeyer moved and Ralph Weber seconded that the minutes be approved as written. In the absence of any objections, the motion passed unanimously.

5. Document Distribution

John Lohmeyer noted that in September Dal Allan had recommended that T10 and T11 end their practice of mailing CDs to people on a subscription basis. The web sites contain more timely information and very few people subscribe to the committee mailings.

John noted that he plans to create 'mailing' ZIP files on the T10 web site that will be available in the T10 members area. This area is accessible using the new t10member FTP account. To get the current password for this account, use the web form to have your personal T10 password sent to you by email.

John Lohmeyer moved that T10 discontinue T10 mailings and that T10 rescind its document retention policy in 98-107r1. Roger Cummings seconded the motion. John noted that INCITS has a document retention policy in the RD-2, Section 4.5, that makes T10/98-107r1 unnecessary. In the absence of objections, the motion passed unanimously.

John Lohmeyer took an action item to notify INCITS that T10 has rescinded its document retention policy and intends to follow the INCITS document retention policy.

John noted that the effect of this change is that T10 mailings will still be prepared in the form of ZIP files, and they will be placed on the t10 web site. However, the mailings will not actually be mailed to individuals.

John Lohmeyer requested that all documents for the next mailing be uploaded to the T10 web site by 10:30 a.m. Mountain time on Thursday November 13, 2008. Documents received after this time may go into a subsequent mailing.

John reminded the committee of the requirements for document submission. Since T10 meets its document retention requirements by delivering mailings to INCITS, documents included in the mailing must be suitable for archiving. This means that Portable Document Format (PDF) and/or native-format electronic originals with proper identification must be submitted.

People can obtain T10 document numbers for new and revised T10 documents by filling out a web form at <http://www.t10.org/members/>. The assigned T10 document number will be sent to the requestor by e-mail. The requestor may then reply to this e-mail, including the document to be posted as an attachment. The document will be automatically posted on the T10 web site.

T10 members can complete this entire process using their personal T10 password. John explained that members who do not know their password should surf to the above URL and click on the "forgot password" link to have their password sent to them via e-mail.

John noted that non-members can also use the above document number process, but their requests will require approval by an administrator.

Minutes are available on the T10 World Wide Web page (see below).

To be added to the T10 Reflector, send an e-mail to majordomo@t10.org with the line 'subscribe t10' in the message body.

The INCITS Secretariat maintains a World Wide Web page at:

<http://www.incits.org/>.

LSI Corp. maintains a web site on behalf of T10 on a server donated by the SCSI Trade Association at:

<http://www.t10.org/>

There is also a mirror site at:

<http://www.t11.org/t10/>

The T10 document register is available at:

<ftp://ftp.t10.org/t10/dr.txt>

6. Call for Patents

John Lohmeyer explained that this is a regular agenda item to identify any potential patent issues with developing standards and technical reports.

For additional information on ANSI procedures and the ANSI patent policy, please see the INCITS web page at <http://www.incits.org/call.htm>. Questions about this policy are to be referred to the participant's legal counsel or the ANSI General Counsel. The Chair showed the "three slides" from the INCITS pat_slides.pdf. No interpretation or explanation of the ISO/IEC/ITU patent policy was provided. The Chair noted that these slides and the patent declaration form are available on the INCITS web site at:

<http://www.incits.org/call.htm>

The Chair issued a call for patents.

John noted that he had received two patent statements since the last meeting: 08-399r0 contains a patent statement from IBM regarding SPC-4, and 08-400r0 contains a patent statement from Microsoft regarding SBC-3.

Mark Seidel reminded the committee that a statement of the Intel patent policy can be found in T10/01-041r0.

There were no other responses to the call for patents other than those mentioned above.

7. Review of Old Action Items

722 John Lohmeyer will conduct a Letter Ballot on forwarding FCP-4 r01. *Complete.*

723 Ralph Weber will prepare 08-331r1, a project proposal for OSD-3. *Complete.*

724 John Lohmeyer will forward 08-331r1 to INCITS as a project proposal for OSD-3. *Complete.*

725 John Lohmeyer will notify INCITS that T10 recommends the reaffirmation of SCSI-2, OSD, SMC-2, and SBP-3. *Complete.*

8. Project Status Reports

8.1 Project Status Summary and INCITS Liaison [Lohmeyer]

John Lohmeyer said that the current T10 project status summary was included on the meeting web site and will be included in the mailing as usual.

8.1.1 INCITS Antitrust Guidelines

All T10 members should be aware of the INCITS antitrust guidelines available at <http://www.incits.org/inatrust.htm>.

John reminded committee members that all persons present at a T10 meeting are responsible for identifying potential violations of the antitrust guidelines and reporting them to the Chair. Discussions of the following topics are considered sensitive:

- Any company's prices or pricing policies;
- Specific R&D, sales and marketing plans;
- Any company's confidential product, product development or production strategies;
- Whether certain suppliers or customers will be served;
- Prices paid to input sources; or
- Complaints about individual firms or other actions that might tend to hinder a competitor in any market.

8.2 SCSI Enclosure Services - 2 (SES-2) Project 1559-D [Elliott]

John Lohmeyer reported that SES-2 is now at INCITS letter ballot for approval. It closes November 7th. It then goes to ANSI for approval and publication. George Penokie said that he had received an email pointing out a defect in SES-2. This will likely result in a project proposal for an SES-3 project.

8.3 SCSI Stream Commands - 3 (SSC-3) Project 1611-D [Peterson]

In the absence of Dave Peterson, Fred Knight reported on the letter ballot comments processing activities of the SSC-3 working group (minutes in 08-437).

8.4 SCSI Architecture Model - 4 (SAM-4) Project 1683-D [Penokie]

John Lohmeyer reported that the SAM-4 was forwarded to ANSI last week for approval and publication.

8.5 Object-Based Storage Devices - 2 (OSD-2) Project 1729-D [Weber]

Ralph Weber reported that as of the beginning of the week only nine comments remained open on the OSD-2 letter ballot (08-380r2). Two of those were resolved by the CAP working group (minutes in 08-429). He noted that OSD-2 should be ready for forwarding to public review in January.

8.6 SCSI Media Changer Command Set - 3 (SMC-3) Project 1730-D [Ballard]

In the absence of Curtis Ballard, Paul Suhler reported on the activities of the SMC-3 working group (minutes in 08-436) using an electronic report in 08-452r0, which Curtis provided.

8.7 SCSI Primary Commands - 4 (SPC-4) Project 1731-D [Weber]

Ralph Weber stated that SPC-4 revision 17 will include all the changes approved by this meeting and may be uploaded in time for the next mailing.

8.8 Automation/Drive Interface - Transport Protocol - 2 (ADT-2) Project 1742-D [Suhler]

Paul Suhler reported on the activities of the ADI working group (minutes in 08-329 and 08-335) using an electronic report (08-446), which he provided.

8.9 Serial Attached SCSI - 2 (SAS-2) Project 1760-D [Elliott]

Rob Elliott reported that 08-212r8 will contain the proposed resolutions to all SAS-2 letter ballot comments, SAS-2 revision 14h incorporates the resolutions, and SAS-2 revision 15 incorporates all the resolutions without any review overhead (e.g., change bars).

Rob Elliott moved that 08-212r8 be approved as resolving the letter ballot comments on SAS-2 and that SAS-2 revision 15, which incorporates the comment resolutions, be forwarded to INCITS for further processing toward first public review. Mark Evans seconded the motion. The motion passed on a vote of 25:0:0:8:=33, thus meeting the Two-Thirds Rule.

Based on the successful resolution of the letter ballot comments, the following people requested that their original No votes on the SAS-2 letter ballot be changed to Yes:

Rob Elliott, Hewlett Packard Co.
Kevin Butt, IBM Corp. (by email)
Mark Seidel, Intel
John Lohmeyer, LSI Corp.
Tim Symons, PMC-Sierra
Gerry Houlder, Seagate Technology
Mark Evans, Western Digital Corporation

Rob Elliott took an action item to prepare SAS-2 revision 15. John Lohmeyer took an action item to forward SAS-2 revision 15 to INCITS for further processing toward first public review.

8.10 SCSI Block Commands - 3 (SBC-3) Project 1799-D [Evans]

Mark Evans reported that a new revision of SBC-3 will be uploaded before the mailing.

8.11 SCSI / ATA Translation - 2 (SAT-2) Project 1826-D [Overby]

In the absence of Mark Overby, John Lohmeyer reported that SAT-2 working group meetings were held October 20 in Santa Clara, CA (minutes in 08-419) and November 4 in Santa Ana, CA (minutes in 08-428). Letter comment resolution was the primary topic of the meetings. Bill Martin noted that there will be no SAT-2 meeting in December.

8.12 Fibre Channel Protocol - 4 (FCP-4) Project 1828-D [Peterson]

John Lohmeyer reported that the FCP-4 letter ballot passed 22:4:7:0=33 as documented in 08-382r1. Comments were received from 7 organizations.

In the absence of Dave Peterson, David Black reported on the activities of the FCP-4 working group (minutes in 08-449).

8.13 MultiMedia Command Set - 6 (MMC-6) Project 1836-D [McFerrin]

Bill McFerrin reported on the activities of MMC-6 working group (minutes in 08-456). The working group accepted its last new technical input. Obsoleting unused features has been a major activity lately.

8.14 Automation/Drive Interface - Commands - 3 (ADC-3) Project 1895-D [Suhler]

Paul Suhler reported on the activities of the ADI working group (minutes in 08-329 and 08-335) using an electronic report (08-446) which Paul provided.

8.15 USB Attached SCSI (UAS) Project 2095-D [Stevens]

Curtis Stevens reported on the CAP working group activities related to UAS (minutes in 08-429). He noted that a new revision of UAS will be posted by the end of next week.

8.16 SCSI Architecture Model - 5 (SAM-5) Project 2104-D [Penokie]

George Penokie reported that he had prepared SAM-5 revision 0, which will be included in the next mailing. He indicated that revision 1 may not be prepared until more changes are approved.

8.17 SCSI Stream Commands - 4 (SSC-4) Project 2123-D [Peterson]

In the absence of Dave Peterson, John Lohmeyer reported that no SSC-4 activities have taken place yet because of the work on the SSC-3 letter ballot.

8.18 SAS Protocol Layer (SPL) Project 2124-D [Penokie]

George Penokie reported that no SPL activities have taken place because SAS-2 revision 15 had not yet been posted. He stated a goal of preparing a strawman outline for discussion at the next meeting.

8.19 Serial Attached SCSI - 2.1 (SAS-2.1) Project 2125-D [Cox]

Alvin Cox reported that preliminary active cable work has been undertaken toward development of SAS-2.1 (minutes in 08-454).

8.20 SCSI / ATA Translation - 3 (SAT-3) Project 2126-D [Overby]

In the absence of Mark Overby, John Lohmeyer reported that no SAT-3 activities have taken place yet because of the ongoing work on the SAT-2 letter ballot.

8.21 Object-Based Storage Devices - 3 (OSD-3) Project 2128-D [Weber]

Ralph Weber reported that the SNIA OSD TWG is investigating two preliminary proposals for inclusion in OSD-3.

9. ISO/IEC

9.1 ISO/IEC Report [Robinson]

In the absence of Gary Robinson, John Lohmeyer presented the ISO/IEC report (see enclosure 2).

9.2 ISO/IEC Business [Robinson]

No ISO/IEC business was presented to the committee.

10. Old Business

There was no old business.

11. New Business

11.1 Actions on SAS Protocol Working Group Recommendations

Mark Evans noted that the SAS Protocol working group made no recommendations that require committee action.

11.2 Actions on SAS PHY Working Group Recommendations

The SAS PHY working group made no recommendations to the committee this month.

11.3 Actions on SAT Working Group Recommendations

Bill Martin, Curtis Stevens, and Mark Evans reviewed the following SAT-2 working group recommendations for inclusion in SAT-2:

- 08-374r1 Additional Task Management Translations [Besmer]
- 08-344r2 ATA PASS-THROUGH sense data format [Elliott]

Curtis Stevens moved that 08-374r1 and 08-344r2 be approved for inclusion in the SAT-2 letter ballot comment resolution. Bill Martin seconded the motion. In the absence of objections, the motion passed unanimously.

11.4 Actions on CAP Working Group Recommendations

Mark Evans reviewed the following proposals recommended for inclusion in SPC-4:

- 08-263r3 (Too much to do ... Not enough Progress Counters) [Weber]
- 08-346r2 (Correction to IKEv2-SCSI Certificate Request Payload) [Suhler]

Mark Evans reviewed 08-282r3 (UAS Clause 6 (Usage)) [Stevens] a proposal recommended for inclusion in UAS.

Mark Evans reviewed 08-450r1 (Add Restricted keyword to the Style Guide) [Weber] a proposal recommended for inclusion in the T10 Style Guide.

Curtis Stevens moved that 08-263r3 and 08-346r2 be approved for inclusion in SPC-4; that 08-282r3 be approved for inclusion in UAS; and that 08-450r1 be approved for inclusion in the T10 Style Guide. Kevin Marks seconded the motion. In the absence of objections, the motion passed unanimously.

Mark Evans reviewed 08-327r2 (Restrict SPC-4 and SAM-5 codes to FC-SB-4 use) [Butt] a proposal recommended for inclusion in SAM-5 and SPC-4.

Curtis Stevens moved that 08-327r2 be approved for inclusion in SAM-5 and SPC-4. Ralph Weber seconded the motion. The motion passed on a vote of 4:0:21:7=33.

11.5 Actions on Other Working Group Recommendations

No recommendations from other working groups were presented to the committee.

12. Liaison Reports

12.1 T11 Liaison Report [Snively]

In the absence of Bob Snively, no report was made.

12.2 T13 Liaison Report [Colegrove]

Dan Colegrove provided an electronic report in 08-087r5 and made an oral report to the committee on the activities of T13. For additional details regarding T13 activities see www.t13.org.

12.3 SCSI Trade Association (STA) [Czekalski]

In the absence of Marty Czekalski, Rob Elliott reported that there is SAS-2 Plugfest next week.

12.4 IEEE P1619 [Ball]

In the absence of Matt Ball, no report was made. John Lohmeyer noted that IEEE P1619 will be meeting with T10 during the January meeting week.

13. Review of Action Items

- 726 John Lohmeyer will notify INCITS that T10 has rescinded its document retention policy and intends to follow the INCITS document retention policy.
- 727 Rob Elliott will prepare SAS-2 revision 15.
- 728 John Lohmeyer will forward SAS-2 revision 15 to INCITS for further processing toward first public review.

14. Meeting Schedule

The next plenary meeting of T10 will be Thursday January 15, 2009 at Lake Mary, FL and will be hosted by Syman-tec Corporation. The meeting announcement is available on the T10 web site at:

<http://www.t10.org/meeting.htm>

The meeting will begin at 1:30 p.m. on Thursday.

The meeting list for the next plenary week is:

January 2009 Meeting Map
(2008/11/06 Version)

Monday 1/12	9	10	11	12	1	2	3	4	5	6	7	8		
	+=====+													
		ADI-2 WG											(15)	
	+=====+													
		SAS Protocol WG											(40)	
	+=====+													
Tuesday 1/13	9	10	11	12	1	2	3	4	5	6	7	8		
	+=====+													
		SAS Physical WG											(45)	
	+=====+													
		SAT WG											(20)	
	+=====+-----+-----+=====+													
						STA Marcom*/BOD*						(20)		
	+=====+-----+-----+=====+													
		FCP-4		/	SSC-3 WG						(25)			
	+=====+													
Wednesday 1/14	9	10	11	12	1	2	3	4	5	6	7	8		
	+=====+													
		CAP WG											(45)	
	+=====+													
		MMC WG											(15)	
	+-----+-----+-----+-----+													
		STA Plen*				TCC*			SFF				(25)	
	+-----+-----+-----+-----+													
		IEEE P1619											(20)	
	+-----+													
Thursday 1/15	9	10	11	12	1	2	3	4	5	6	7	8		
	+=====+													
		CAP WG				/////				T10 Plenary/LB cmnt				(45/50/10)
	+=====+													
Friday 1/16	8	9	10	11	12	1	2	3	4	5	6	7	8	
	No meetings are planned for Friday													

/ means the next meeting starts when the previous meeting concludes
 Meetings marked with == are T10-authorized meetings.
 Meetings marked with -- are other groups and may change without notice.
 Meetings marked with (*) are closed meetings of other groups.

- Map Abbreviation Key:
- ad hoc: a.k.a., working group
 - ADI: Automation Drive Interface (tape library interface)
 - Amnd: Amendment
 - CAP: Commands, Architecture, and Protocols
 - FC: Fibre Channel

FCP-4: Fibre Channel Protocol - 4
IEEE P1619: IEEE Security in Storage Working Group
I/F: Interface
IETF: Internet Engineering Task Force (the group that sets Internet standards)
iFC: Internet Fibre Channel
IPS: Internet Protocol SCSI
iSCSI: Internet SCSI
LB: Letter Ballot
MMC: Multimedia Commands (CD-ROM, DVD, etc.)
OSD: Object-based Storage Device
PH or PHY: Physical (Connectors, Cables, Transceivers, etc.)
Prot: Protocol
Plenary: Full Committee Meeting
Res: Resolution
SAS: Serial Attached SCSI
SAT-2: SCSI / ATA Translation - 2
SBC-3: SCSI Block Commands - 3
SCSI: Small Computer System Interface
SES: SCSI Enclosure Services
SFF: SFF Industry Group (not an INCITS activity)
SG: Study Group
SMC-3: SCSI Medium Changer - 3 Commands
SPC-4: SCSI Primary Commands - 4 (4th generation)
SSC-3: SCSI Stream Commands - 2 (includes Tape)
STA: SCSI Trade Association (Closed meeting -- not an INCITS activity)
STA Marcom: STA Marketing Communications (Closed meeting -- not an INCITS activity)
T10: SCSI Storage Interfaces Technical Committee
T11: Fibre Channel Interfaces Technical Committee
T13: ATA Storage Interface
TCG: Trusted Computing Group
TCG SIIF: Trusted Computing Group Storage Interface Interactions Forum
WG: Working Group (same as Ad Hoc Group)

Meeting	Date(s)	Location / Host
ADI Call	Wed Nov 12 8:00a-10:00a PST	TBA via T10 Reflector / Quantum
SAT-2 Collateral Abort	Fri Nov 14 11:30a-1:00p PST	TBA via T10 Reflector / Overby
Power Mgt Call	Wed Nov 19 10:00a-12:00n CST	TBA via T10 Reflector / Houlder
Thin Provisioning Call	Wed Nov 19 1:00p-3:00p PST	TBA via T10 Reflector / Knight
SAT-2 ATA Security Protocol	Fri Nov 21 10:00a-12:00n PST	TBA via T10 Reflector / Overby
Athentication Call	Mon Nov 24 1:00p-3:00p EST	TBA via T10 Reflector / Black
UAS Call	Tue Dec 2 10:00a-12:00n PST	TBA via T10 Reflector / Stevens
ADI Call	Wed Dec 3 8:00a-10:00a PST	TBA via T10 Reflector / TBD
Thin Provisioning Call	Thu Dec 4 11:00a-1:00p PST	TBA via T10 Reflector / Knight
SAT-2 LB Comments	Fri Dec 5 10:00a-12:00n PST	TBA via T10 Reflector / Overby
Power Mgt Call	Wed Dec 10 10:00a-12:00n CST	TBA via T10 Reflector / Houlder
SAS PHY Call	Thu Dec 11 10:00a-12:00n CST	TBA via T10 Reflector / Cox
SMC-3 Call	Wed Jan 7 8:00a-11:00a PST	TBA via T10 Reflector / Ballard

For more information about T10 activities, please contact the following people:

Activity	Contact	Telephone/Email
ADT-2, ADC-2, ADC-3	Paul Stone	(949) 725-1874 paul dot stone at quantum dot com
SES-2, SAS-1.1, SAS-2	Rob Elliott	(281) 518-5037 Elliott at hp dot com
SAS-2.1	Alvin Cox	(405) 381-8067 alvin dot cox at seagate dot com
SBC-3	Mark Evans	(409) 363-5257 mark dot evans at wdc dot com
MMC-5, MMC-6	Bill McFerrin	(325) 423-1560 billmc37 at ctesc dot net
SBP-3	Peter Johansson	(510) 527-3926 PJohansson at ACM dot org
SAM-4, SBC-3, SPL	George Penokie	(507) 328-9017 george dot penokie at lsi dot com
SAT-2, SAT-3	Mark Overby	(425) 417-9412 moverby at nvidia dot com
SMC-3	Noud Snelder	+31408446108 Noud dot snelder at bdt dot de
SAM-3, SPC-4, OSD-2, OSD-3	Ralph Weber	(214) 912-1373 roweber at acm dot org
SSC-3, SSC-4, FCP-3, FCP-4	Dave Peterson	(763) 268-6139 david dot peterson at brocade dot com

Activity	Contact	Telephone/Email
UAS	Curtis Stevens	(949) 672-7933 curtis dot stevens at wdc dot com
Other Activities	John Lohmeyer	(719) 533-7560 lohmeyer at t10 dot org

The long-term T10 meeting week schedule is:

Dates	Location	Host / Comments
Sep 8-12, 2008	Colorado Springs, CO	LSI Corp.
Nov 3-7, 2008	Santa Ana, CA	Western Digital
Jan 12-16, 2009	Orlando, FL	Symantec
Mar 16-20, 2009	Oklahoma City, OK	Fujitsu
May 4-8, 2009	Bellevue, WA	Microsoft Corp.
Jul 13-17, 2009	Colorado Springs, CO	LSI Corp.
Sep 14-18, 2009	Boston, MA	EMC Corp.
Nov 9-13, 2009	Las Vegas, NV	Hitachi GST
Jan 11-15, 2010	Santa Ana, CA	Western Digital
Mar 8-12, 2010	San Jose, CA	Finisar
May 3-7, 2010	Bellevue, WA	Microsoft
Jul 12-16, 2010	Colorado Springs, CO	LSI Corp.
Sep 13-17, 2010		
Nov 8-12, 2010		

NOTE: Dates, locations, and hosts shown above in *red italic font* have not been approved by T10 yet and are subject to change.

John Lohmeyer asked people interested hosting one of the above meetings to contact him.

14.1 Authorization of Working Group Meetings

John noted that the working group meetings are required to operate under the same voting procedures as does T10 (that is, one vote per organization) and the results of a working group are not binding on the parent committee. Working groups should strive to achieve consensus prior to bringing issues to T10.

Bill Martin moved that T10 authorize the T10-related meetings and events in the list above that had not previously been approved. Roger Cummings seconded the motion. In the absence of any objections, the motion passed unanimously.

15. Adjournment

John Lohmeyer moved and Ralph Weber seconded that the meeting be adjourned. In the absence of any objections, the motion passed unanimously. The meeting was adjourned at 2:47 p.m. on Thursday November 6, 2008.

Enclosure(1) -- Meeting Attendees

Name	S	Organization
Mr. Paul von Stamwitz	P	AMCC
Mr. Gregory McSorley	P	Amphenol Interconnect
Mr. William McFerrin	V	DataPlay
Mr. Kevin Marks	P	Dell, Inc.
Mr. David Black	A	EMC Corp.
Mr. William Martin	P	Emulex
Mr. Ralph O. Weber	P	ENDL Texas
Mr. Douglas Wagner	P	FCI
Mr. Geoffrey Hibbert	A	Finisar Corp.
Mr. Elwood Parsons	P	Foxconn Electronics
Mr. Nathan Hastad	AV	General Dynamics
Mr. Rob Elliott	P	Hewlett Packard Co.
Mr. Dan Colegrove	P	Hitachi Global Storage Tech.
Dr. Mark Seidel	P	Intel Corp.
Mr. John Geldman	P	Lexar Media, Inc.
Mr. John Lohmeyer	P	LSI Corp.
Mr. George Penokie	A	LSI Corp.
Mr. Paul Wassenberg	A	Marvell Semiconductor, Inc.
Mr. Robert Griswold	P	Microsoft Corp.
Mr. Jay Neer	P	Molex Inc.
Mr. Frederick Knight	P	NetApp
Mr. Tim Symons	P	PMC-Sierra
Dr. Paul Suhler	P	Quantum Corp.
Mr. John Osterlund	A	Samsung
Mr. Dave Landsman	A	SanDisk Corporation
Mr. Alvin Cox	A	Seagate Technology
Mr. Gerald Houlder	P	Seagate Technology
Mr. Dale LaFollette	P	Sun Microsystems, Inc.
Mr. Roger Cummings	P	Symantec Corporation
Mr. Scott Shuey	A	TycoElectronics
Mr. Mark Evans	P	Western Digital
Mr. Curtis Stevens	A	Western Digital

32 People Present

Status Key: P - Principal
A - Alternate
AV - Advisory Member
E - Emeritus
L - Liaison
V - Visitor

Enclosure(2) -- ISO Status

T10 ISO Status Report - 11/06/2008

ISO Proj.	Acronym	Part Num.	Last Step Completed	Comments
1.25.13.____	SAM-4	14776-414	S1: SC25 started ballot on NWIP	US votes for NWIP
1.25.13.11.22	SES-2	14776-372	S2: NWIP Approved	STILL !!!!! Waiting for FCD text
1.25.13.____	SAT	14776-921	S3: SC25 TAG votes on FCD in SC25	FCD Ballot, 25N1502, ends 8/12/2008, USA Voted Yes, needs editing before FCD ballot ends
1.25.13.11.46	SAS-1.1	14776-151	S4: FDIS sent to SC25	FCD approved, FDIS text sent to SC25 , ;needs editorial issues between T10 and ITTF settled
1.25.13.18-2	ATAPI-7-2	24739-2	S5: FDIS Motion sent to INCITS	FDIS Motion in T10 Completed, waiting for JTC1 ballot
1.25.13.18-3	ATAPI-7-3	24739-3	S5: FDIS Motion sent to INCITS	FDIS Motion in T10 Completed, waiting for JTC1 ballot
1.25.13.11.38	PIP	14776-121	S5: FDIS ballot complete	Completed FDIS Ballot
1.25.13.11.33	SPC-3	14776-453	S5: FDIS ballot complete	FDIS Approved
1.25.13.11.25.01	RBC-2	14776-326	S5: SC25 requests JTC1 to start FDIS ballot	FDIS text sent, Editing needs to be settled
1.25.13.18-1	ATAPI-7-1	24739-1	S6: SC25 sends FDIS to JTC1 for publishing	Ready for publication, but needs some questions answered by Editor
1.25.13.10.14	RL	24740	S6: SC25 sends FDIS to JTC1 for publishing	Approved as IS
1.25.13.11.45	SAM-3	14776-413	S6: SC25 sends FDIS to JTC1 for publishing	Sent for publication
1.25.13.11.47	FCP-3	14776-223	S7: IS Published	Published
1.25.13.11.19	SAM-2	14776-412	S7: IS Published	Published
1.25.13.11.31	SBC-2	14776-322	S7: IS Published	
1.25.13.11.13	SMC	14776-351	S7: IS Published	Published
1.25.13.____	SPC	14776-311/451	S8: WITHDRAWAL, INCITS as JTC1 TAG votes	INCITS Approved Withdrawal

T10 ISO Status Report - 11/06/2008

ISO Proj.	Acronym	Part Num.	Last Step Completed	Comments
1.25.13.11.28	SPI-4	14776-114	S8: WITHDRAWAL, INCITS as JTC1 TAG votes	INCITS Approved Withdrawal
1.25.13.11.39	SBP-3	14776-233	S8: WITHDRAWAL, SC25 Resolution	Voted to remove from SC25 Pro- gram of Work, Resolution BL- WG4-13
1.25.13.11.37	SSM-2	14776-132	S8: WITHDRAWAL, SC25 Resolution	Voted to remove from SC25 Pro- gram of Work., Resolution BL- WG4-11
1.25.13.__.____	SAS-2	14776-152		ISO part number assignment only
1.25.13.__.____	SAS-2.1	14776-153		ISO part number assignment only
1.25.13.__.____	SAT-2	14776-922		ISO part number assignment only
1.25.13.__.____	SAT-3	14776-923		ISO part number assignment only
1.25.13.__.____	SPL	14776-261		ISO part number assignment only
25.13.11.34	SRP	14776-241		This project is known to ISO but not active in T10
1.25.13.__.____	UAS	14776-251		ISO part number assignment only

Enclosure(3) -- T10 Attendance Database

Generated on 2008/11/10 at 15:35:48

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