

Accredited Standards Committee*

InterNational Committee for Information Technology Standards (INCITS)

Doc. No.: T10/08-355r0

Date: September 16, 2008

Reply to: John Lohmeyer

To: T10 Membership
From: Ralph Weber / John Lohmeyer
Subject: Minutes of T10 Plenary Meeting #87 -- September 11, 2008
Colorado Springs, CO

Agenda

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 - 8.5 SCSI Architecture Model - 4 (SAM-4) Project 1683-D [Penokie]
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 - 8.10 Serial Attached SCSI - 2 (SAS-2) Project 1760-D [Elliott]
 - 8.11 SCSI Block Commands - 3 (SBC-3) Project 1799-D [Evans]
 - 8.12 SCSI / ATA Translation - 2 (SAT-2) Project 1826-D [Overby]
 - 8.13 Fibre Channel Protocol - 4 (FCP-4) Project 1828-D [Peterson]
 - 8.14 MultiMedia Command Set - 6 (MMC-6) Project 1836-D [McFerrin]
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 - 8.16 USB Attached SCSI (UAS) Project 2095-D [Stevens]
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 - 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
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 - 11.2 Notification to INCITS T10 for 2009 National Standards Maintenance Recommendation (08-326) [Patrick]
 - 11.3 Actions on SAS Protocol Working Group Recommendations
 - 11.4 Actions on SAS PHY Working Group Recommendations
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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 September 11, 2008. He thanked LSI 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:

- 12.5 IETF [Black]

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).

John briefly discussed possible changes in mailing policies. Complete pricing information for mailings is contained in the 2008 membership form (available at http://www.t10.org/ftp/t10/mem_form.txt).

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 that since the last meeting EMC had acquired lomega. The lomega membership was dropped at their request.

The Chair said he had sent e-mails to 4 people from 3 organizations informing them that the organization's membership was in jeopardy due to non-attendance (see 08-304r0) and that their membership would be terminated if they did not attend this meeting. The following organizations were in attendance jeopardy:

General Dynamics
lomega Corp. (now part of EMC)
STMicroelectronics, Inc.

All organizations in attendance jeopardy were present except:

General Dynamics
STMicroelectronics, Inc.

The representatives of these organizations had their membership 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, down from the 35 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 - July 2008 - Anchorage, AK (T10/08-277r0)

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

Members who have any problems with their mailing subscription should deal directly with Barbara Bennett (bbennett@itic.org) (202) 626-5743. A subscription form is included on the meeting disk.

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 September 18, 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 preparing mailings, 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), and are distributed to the T10 Reflector.

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 issued a call for patents.

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

John noted that he had received a licensing statement (08-333r0) from HP Development Company LLC regarding documents 07-361r6 and 08-029r2, which were incorporated into SSC-3 and ADC-3 respectively.

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

7. Review of Old Action Items

- 707 John Lohmeyer will notify the INCITS Secretariat that T10 recommends Project 1528-D be withdrawn due to lack of progress. *Complete.*
- 708 Ralph Weber will prepare OSD-2 r04. *Complete.*
- 709 John Lohmeyer will conduct a Letter Ballot on forwarding OSD-2 r04 to first Public Review. *Complete.*
- 710 John Lohmeyer will place SBC-3 Letter Ballot dates on the September CAP agenda. *Complete.*
- 711 Mark Overby will prepare SAT-2 r06. *Complete.*
- 712 John Lohmeyer will conduct a Letter Ballot on forwarding SAT-2 r06 to first Public Review. *Complete.*
- 713 John Lohmeyer will notify the Head of Delegation, Bob Snively, that T10 has requested that Sean Dolan of EMC be added to the US delegation for the SC 25/WG 4 meeting on October 20-24, 2008. *Complete.*
- 714 Kevin Butt will prepare 08-117r1, the revised project proposal for SAS-2.1. *Complete.*
- 715 John Lohmeyer will forward 08-117r1 to INCITS as the project proposal for SAS-2.1. *Complete.*
- 716 Kevin Butt will prepare 08-118r1, the revised project proposal for SPL. *Complete.*
- 717 John Lohmeyer will forward 08-118r1 to INCITS as the project proposal for SPL. *Complete.*
- 718 Dave Peterson will prepare 08-136r2, the revised project proposal for SSC-4. *Complete.*
- 719 John Lohmeyer will forward 08-136r3 to INCITS as the project proposal for SSC-4. *Complete.*
- 720 Mark Overby will prepare 08-224r1, the revised project proposal for SAT-3. *Complete.*
- 721 John Lohmeyer will forward 08-224r1 to INCITS as the project proposal for SAT-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 Bridge Controller Commands (BCC) Project 1528-D [Elliott]

John Lohmeyer announced that INCITS had closed project 1528-D as T10 requested at the July 2008 meeting. He thanked Rob Elliott for the work he had done on this project.

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

John Lohmeyer reported that the SES-2 public review period ended 14 July 2008. No comments were received. SES-2 is now at INCITS management review.

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

Dave Peterson reported on the activities of the SSC-3 working group (minutes in 08-368). Dave also provided an electronic report in 08-378r0.

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

John Lohmeyer reported that the SAM-4 public review period ended 14 July 08. No comments were received. SAM-4 is now at INCITS management review.

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

John Lohmeyer reported that the OSD-2 forwarding letter ballot passed 29:3:4:0=36 with comments received from 8 organizations.

Ralph Weber reported that the SNIA OSD TWG will review an initial draft of the letter ballot comments resolution document next week and CAP will review the resolutions in November. He stated that the letter ballot comments resolution document has not yet been posted.

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

Curtis Ballard reported on the activities of the SMC-3 working group (minutes in 08-334, 08-335, and 08-376), and provided an electronic report in 08-376r0. He noted that the group is considering closing new technical input in January.

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

Ralph Weber reported that SPC-4 r16 was prepared after the last mailing and will appear in this mailing. Since no proposals have been recommended for inclusion in SPC-4 this week, no new revision will be generated before November.

8.9 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 08-372). Paul provided an electronic report in 08-369.

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

Rob Elliott reported that SAS-2 is at revision14d. A new revision, r14e will be posted with in the next ten days. Rob stated his belief that forwarding to public review should occur at the November meeting.

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

Mark Evans reported that SBC-3 r16 was prepared since the last meeting and will be included in the next mailing. He noted that only one proposal has been recommended for inclusion in SBC-3 this week and that proposal only defines an informative annex. Mark hinted that he might not prepare a new revision before November.

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

John Lohmeyer reported that the SAT-2 forwarding letter ballot passed 26:5:5:0=36 with comments received from 7 organizations.

Mark Overby reported that a SAT-2 working group meeting was held September 9 in Colorado Springs, CO (minutes in 08-353) and letter comment resolution was the primary topic of the meeting.

Mark noted that the next revision of SAT-2 will not be published until after the October 20 meeting co-located with T13.

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

Dave Peterson led a discussion of the activities of the FCP-4 working group (minutes in 08-373). Dave provided an electronic report in 08-379r0.

On behalf of the working group, Dave requested that a letter ballot be conducted on forwarding FCP-4 r01 to public review.

John Lohmeyer took an action item to conduct a letter ballot on forwarding FCP-4 r01.

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

In the absence of Bill McFerrin, John Lohmeyer summarized the activities of MMC-6 working group (minutes in 08-375). He noted the group continues to work through several significant MMC-6 issues.

8.15 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 08-372). Paul provided an electronic report in 08-369.

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

Curtis Stevens reported on the CAP working group activities related to UAS (minutes in 08-354).

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

George Penokie reported that no SAM-5 activities have taken place yet.

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

Dave Peterson reported that no SSC-4 activities have taken place yet.

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

George Penokie reported that no SPL activities have taken place yet. He stated a goal of preparing a strawman outline for discussion at the next meeting.

8.20 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.

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

Mark Overby reported that no SAT-3 activities have taken place yet.

9. ISO/IEC

9.1 ISO/IEC Report [Robinson]

Gary Robinson 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 Project Proposal for OSD-3 (08-331) [Weber]

John Lohmeyer reviewed the OSD-3 Project Proposal, and noted that the CAP working group recommended it unanimously. A typo was noted in the Existing Standards reference to SPC-3, and Ralph agreed to prepare a new revision.

Ralph Weber moved that 08-331r1 (r0 as revised) be forwarded to INCITS as a project proposal for OSD-3. Mark Overby seconded the motion. The motion passed on a vote of 22:0:1:10=33.

Ralph Weber took an action item to prepare 08-331r1.

John Lohmeyer took an action item to forward 08-331r1 to INCITS as a project proposal for OSD-3.

11.2 Notification to INCITS T10 for 2009 National Standards Maintenance Recommendation (08-326) [Patrick]

John Lohmeyer reviewed the standards on which 2009 review recommendations were requested by INCITS.

George Penokie moved that T10 recommend to INCITS that the following published standards be reaffirmed: SCSI-2, OSD, SMC-2, and SBP-3. Mark Evans, Kevin Butt, and David Black seconded the motion. The motion passed on a vote of 24:0:1:8=33 satisfying the two-thirds voting rules.

John Lohmeyer took an action item to notify INCITS that T10 recommends the reaffirmation of SCSI-2, OSD, SMC-2, and SBP-3.

11.3 Actions on SAS Protocol Working Group Recommendations

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

11.4 Actions on SAS PHY Working Group Recommendations

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

11.5 Actions on SAT Working Group Recommendations

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

11.6 Actions on CAP Working Group Recommendations

Mark Evans reviewed 08-192r1 (SBC-3 Model for encrypting disk drives) [Houlder] a proposal recommended for inclusion in SBC-3.

Gerry Houlder moved that 08-192r1 be approved for inclusion in SBC-3. John Geldman seconded the motion. The motion passed on a vote of 12:2:10:11=33.

11.7 Actions on Other Working Group Recommendations

David Black reviewed 08-365r2 (Enhanced Discovery bit in PRLI) [Smith, Black] a proposal recommended for inclusion in FCP-4.

David Black moved that 08-365r2 be approved for inclusion in FCP-4. Gerry Houlder seconded the motion. The motion passed on a vote of 12:0:14:7=33.

12. Liaison Reports

12.1 T11 Liaison Report [Snively]

In the absence of Bob Snively, John Lohmeyer presented the T11 electronic liaison report (08-336).

12.2 T13 Liaison Report [Colegrove]

Dan Colegrove provided an electronic report in 08-087r4 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, John Lohmeyer presented Marty's electronic report (08-377) on the activities of the SCSI Trade Association.

12.4 IEEE P1619 [Ball]

Matt Ball provided an electronic report in 08-324.

12.5 IETF [Black]

David Black reported that RFC 5282 has been published, and it contains information of note to SPC-4.

13. Review of Action Items

- 722 John Lohmeyer will conduct a Letter Ballot on forwarding FCP-4 r01.
- 723 Ralph Weber will prepare 08-331r1, a project proposal for OSD-3.
- 724 John Lohmeyer will forward 08-331r1 to INCITS as a project proposal for OSD-3.
- 725 John Lohmeyer will notify INCITS that T10 recommends the reaffirmation of SCSI-2, OSD, SMC-2, and SBP-3.

14. Meeting Schedule

The next plenary meeting of T10 will be Thursday November 6, 2008 in Santa Ana, CA at the Embassy Suites Hotel (Reservations: <http://embassysuites.hilton.com/en/es/groups/personalized/STAESES-XWD-20081031/index.jhtml>) hosted by Western Digital Technologies, Inc. The meeting will begin at 1:30 p.m. on Thursday.

The meeting list for the next plenary week is:

November 2008 Meeting Map
(2008/09/11 Version)

Monday 11/3	9	10	11	12	1	2	3	4	5	6	7	8		
	+=====+													
		SMC-3 WG			/	ADI-2 WG							(15)	
	+=====+													
		SAS Protocol WG											(40)	
	+=====+													
Tuesday 11/4	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)	
	+=====+													
		MMC WG											(15)	
	+=====+													
Wednesday 11/5	9	10	11	12	1	2	3	4	5	6	7	8		
	+=====+													
		CAP WG											(45)	
	+-----+-----+-----+													
		Mt Fuji											(15)	
	+-----+-----+-----+													
		STA Plen*				TCC*			SFF				(25)	
	+-----+-----+-----+													
Thursday 11/6	9	10	11	12	1	2	3	4	5	6	7	8		
	+=====+													
		CAP WG			////		T10 Plenary/LB cmnt						(45/50/10)	
	+=====+													
Friday 11/7	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
SAS I/F Power Mgt Call	Wed Sep 17 10:00a-12:00n CDT	TBA via T10 Reflector / Houlder
SAS PHY Call	Tue Sep 23 10:00a-12:00n CDT	TBA via T10 Reflector / Cox
Idle Power Mgt Options (08-184) Call	Wed Oct 1 10:00a-12:00n CDT	TBA via T10 Reflector / Houlder
SMC-3 Call	Wed Oct 1 8:00a-10:00a PDT	TBA via T10 Reflector / IBM
SAS PHY Call	Thu Oct 2 10:00a-12:00n CDT	TBA via T10 Reflector / Cox
SAT-2 LB Call	Thu Oct 2 1:00p-3:00p PDT	TBA via T10 Reflector / Overby
Thin Provisioning Call	Fri Oct 3 9:00a-11:00a PDT	TBA via T10 Reflector / Knight
ADI-2 Call	Wed Oct 8 8:00a-10:00a PDT	TBA via T10 Reflector / Suhler
SAS PHY Call	Thu Oct 9 10:00a-12:00n CDT	TBA via T10 Reflector / Cox
UAS Model Call	Wed Oct 15 9:00a-10:00a PDT	TBA via T10 Reflector / Stevens
SAS PHY Call	Thu Oct 16 10:00a-12:00n CDT	TBA via T10 Reflector / Cox
SAT-2 WG	Mon Oct 20 12:00n-7:00p PDT	Santa Clara, CA / Overby
SAS PHY Call	Thu Oct 23 10:00a-12:00n CDT	TBA via T10 Reflector / Cox

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
UAS	Curtis Stevens	(949) 672-7933 curtis dot stevens at wdc dot com
Other Activities	John Lohmeyer	(719) 533-7560 lohmeier 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	<i>San Jose, CA</i>	<i>Nvidia</i>
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.

Mike Fitzpatrick moved that the March 2009 dates be changed to March 16-20. Mark Evans seconded the motion. In the absence of objections, the motion passed unanimously.

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.

Paul Suhler moved that T10 authorize the T10-related meetings and events in the list above that had not previously been approved. Mark Overby 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 3:05 p.m. on Thursday September 11, 2008.

Enclosure(1) -- Meeting Attendees

Name	S	Organization
Mr. Mark Lettang	AV	3M
Mr. Paul von Stamwitz	P	AMCC
Mr. Gregory McSorley	AV	Amphenol Interconnect
Mr. David Peterson	P	Brocade
Mr. Kevin Marks	P	Dell, Inc.
Mr. David Black	A	EMC Corp.
Mr. Gary S. Robinson	P	EMC Corp.
Mr. William Martin	P	Emulex
Mr. Ralph O. Weber	P	ENDL Texas
Mr. Douglas Wagner	P	FCI
Mr. Elwood Parsons	P	Foxconn Electronics
Mr. Mike Fitzpatrick	P	Fujitsu
Mr. Curtis Ballard	A	Hewlett Packard Co.
Mr. Rob Elliott	P	Hewlett Packard Co.
Mr. Dan Colegrove	P	Hitachi Global Storage Tech.
Mr. Kevin Butt	P	IBM Corp.
Dr. Mark Seidel	P	Intel Corp.
Mr. Dennis Moore	P	KnowledgeTek, Inc.
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. Samuel Barnett	A	Maxim Integrated Products
Mr. Robert Griswold	P	Microsoft Corp.
Mr. Jay Neer	P	Molex Inc.
Mr. Chris Fore	A	NetApp
Mr. Frederick Knight	P	NetApp
Mr. Mark Overby	P	Nvidia Corp.
Mr. Thomas Friend	V	Oxford Semiconductor Ltd.
Mr. Matthew Stephens	V	Oxford Semiconductor Ltd.
Mr. Tim Symons	P	PMC-Sierra
Dr. Paul Suhler	P	Quantum Corp.
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. JOHN HACKMAN	A	TYCO ELECTRONICS
Mr. Dan Gorenc	A	TycoElectronics
Mr. Tom Grzysiewicz	A	TycoElectronics
Mr. Scott Shuey	A	TycoElectronics
Mr. Mark Evans	P	Western Digital
Mr. Curtis Stevens	A	Western Digital
Mr. Alan Westbury	V	Xyratex

43 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 - 09/08/2008**

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
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

T10 ISO Status Report - 09/08/2008

ISO Proj.	Acronym	Part Num.	Last Step Completed	Comments
1.25.13.____	SPC	14776-311/451	S8: WITHDRAWAL, INCITS as JTC1 TAG votes	INCITS Approved Withdrawal
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 Program of Work, Resolution BL-WG4-13
1.25.13.11.37	SSM-2	14776-132	S8: WITHDRAWAL, SC25 Resolution	Voted to remove from SC25 Program of Work., Resolution BL-WG4-11
1.25.13.____	Project Acronym	14776-____		
25.13.11.34	SRP	14776-241		This project is known to ISO but not active in T10
1.25.13.____ -- too early for NWIP	UAS	14776-251		

Enclosure(3) -- T10 Attendance Database

Generated on 2008/09/15 at 15:36:23

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