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

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1250 Eye Street NW, Suite 200, Washington, DC 20005-3922
Email: incits@itic.org Telephone: 202-737-8888 FAX: 202-638-4922
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   12.2 T13 Liaison Report [Colegrove]
   12.3 SFF Industry Group [Allan]
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   12.5 SNIA [open]
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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 January 17, 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.

No items were added or modified in the agenda during the course of the meeting.

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 emails to 6 people from 4 organizations informing them that the organization’s membership was in jeopardy due to non-attendance (see 07-509r0) and that their membership would be terminated if they did not attend this meeting. The following organizations were in attendance jeopardy:

Adaptec, Inc.
FCI
General Dynamics
Iomega Corp.

All organizations in attendance jeopardy were present, except:

Adaptec, Inc.

That organization had its representatives 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 39 organizations, down from the 40 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 is as shown:


<table>
<thead>
<tr>
<th>Organization</th>
<th>Acronym:</th>
<th>Ballot:</th>
<th>Report:</th>
<th>Report:</th>
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<tbody>
<tr>
<td>Adaptec, Inc.</td>
<td>(*)</td>
<td>DNV</td>
<td>DNV</td>
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<tr>
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</tr>
<tr>
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<td>(*)</td>
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<td>DNV</td>
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<tr>
<td>Nvidia Corp.</td>
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<td>DNV</td>
<td>DNV</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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 - November 2007 - Las Vegas, NV (T10/07-476r0)

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 January 24, 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 email, 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. The contact for INCITS patent issues is Lynn Barra (Ibarra at itic dot org) or (202) 626-5739. Gene Milligan prepared a useful “Handy dandy Technical Committee’s Patents Guide”, which is available at ftp://ftp.t10.org/t10/document.99/99-291r0.pdf.

John Lohmeyer presented a summary of the ANSI patent policy prepared by Gary Robinson. The summary is also included on the Rules and Procedures (plus Patent Information) page on the T10 web site.
Mark Seidel reminded the committee that a statement of the Intel patent policy can be found in T10/01-041r0.

John asked that anyone who knows of other applicable patents to contact him.

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

7. Review of Old Action Items

678 John Lohmeyer will notify the INCITS secretariat that T10 has reviewed the FDIS, 1.25.13.11.33 SPC-3 14776-453, and recommends that the JTC1 TAG vote to approve said FDIS. Complete.

679 John Lohmeyer will notify the INCITS secretariat that T10 recommends that the SC25 TAG vote to approve 25N ___, FCD ISO/IEC 24739-3 Information technology Small Computer System Interface Part 3: AT Attachment with Packet Interface - 7 Volume 3 (ATAPI-7-3). Complete.

680 John Lohmeyer will notify the INCITS secretariat that T10 recommends that the JTC1 TAG vote to confirm 14776-115: Information technology -- Small Computer System Interface (SCSI) -- Part 115:2004 Parallel Interface-5 (SPI-5). Complete.

681 John Lohmeyer will notify the INCITS secretariat that T10 recommends that the JTC1 TAG vote to revise 18372:2004: Information technology -- RapidIO(TM) interconnect specification. Complete.

682 John Lohmeyer will notify the INCITS secretariat that T10 recommends that the JTC1 TAG vote to confirm 14776-150: Information technology -- Small Computer System Interface (SCSI) -- Part 150: Serial Attached SCSI (SAS). Complete.

683 John Lohmeyer will notify the INCITS secretariat that T10 recommends that the SC25 TAG contribute a NWIP to SC25 for SAT, T10/07-500r0, as project 1.25.13.__.___, 14776-921, to mark YES on each of the 6 questions, define Gary S Robinson as Project Editor in question 4, normal standard development track is proposed in question 7, and when the NWIP ballot is available; to vote Approve. Complete.

684 John Lohmeyer will notify INCITS that T10 requests that project T10/1740-D (SDI) be withdrawn. Complete.

685 John Lohmeyer will forward the UAS project proposal (07-400r1) to INCITS for further processing. Complete.

686 Rob Elliott will prepare SES-2 r19. Complete.

687 John Lohmeyer will conduct a Letter Ballot on forwarding SES-2 r19 to first Public Review. 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]

Rob Elliott reported that there has been no activity on BCC.

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

John Lohmeyer reported that the letter ballot on forwarding SES-2 r19 passed 31:3:3:4=41 as documented in 07-512r0. Comments were received from 3 organizations.

Rob Elliott reported that he had posted SES-2 r19a containing resolutions to the letter ballot comments and 08-049r0, containing the proposed resolutions to the letter ballot comments thus far.

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

In the absence of Dave Peterson, Kevin Butt reported on the activities of the SSC-3 working group (minutes in 08-046). Dave provided an electronic report in 08-083r0.

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

George Penokie reported that work is in progress on resolving SAM-4 letter ballot comments. He requested three conference calls to further the work. He noted that interim revisions of SAM-4 will be posted to reflect comments resolutions as they progress.

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

Ralph Weber reported that OSD-2 r03 incorporating all proposals approved by the meetings last year will be posted by the end of the month (probably in time for the mailing).

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

Michael Banther introduced the new SMC-3 chair, Curtis Ballard.

Curtis Ballard reported on the activities of the SMC-3 working group (minutes in 08-045) and provided an electronic report in 08-084r0.

John Lohmeyer congratulated Michael Banther on his dedication to the work of this group, especially given the travel commitment required by Michael.

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

Ralph Weber reported that SPC-4 r12 incorporating all approved proposals from the July, September, and November meeting weeks had been posted within the last seven days. He stated that r13 will be posted sometime in February.

8.9  Serial Attached SCSI Driver Interface (SDI) Project 1740-D [Elliott]

John Lohmeyer said that INCITS and ANSI had removed this project from T10’s program of work. He will remove this item from future agendas.

8.10 Automation/Drive Interface - Commands - 2 (ADC-2) Project 1741-D [Suhler]

John Lohmeyer reported that ADC-2 is at INCITS for management review and INCITS letter ballot. He expects approval this week.
8.11 Automation/Drive Interface - Transport Protocol - 2 (ADT-2) Project 1742-D [Suhler]

In the absence of Paul Suhler, Michael Banther reported on the activities of the ADI working group (minutes in 08-042r1). Paul provided an electronic report in 08-067r1.

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

Rob Elliott reported that several proposals have been recommended by the SAS protocol working group (minutes in 08-059). See agenda item 10.1. The SAS-2 physical working group (minutes in 08-072) recommended seven SAS-2 proposals. See agenda item 10.2.

SAS-2 revision 14 will be posted containing all approved proposals, probably in time for the mailing.

At Rob’s request, John Lohmeyer took an action item conduct a letter ballot on forwarding SAS-2 r14.

The committee asked John to conduct a 45-day letter ballot instead of the customary 30-day letter ballot due to the size of the draft standard.

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

Mark Evans reported that SBC-3 r13 will be prepared to incorporate the proposals approved this week. The new revision should be posted sometime before the next meeting.

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

Mark Overby reported that a SAT-2 working group meeting was held December 10 in Kirkland, WA (minutes in 08-017) and January 15 (minutes in 08-060). A SAT-2 working group meeting is planned for February 22 in Lake Forest, CA with T13.

He noted that last technical input is after the March meeting.

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

In the absence of Dave Peterson, Ralph Weber discussed the activities of the FCP-4 working group (minutes in 08-071). Dave provided an electronic report in 08-082.

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

Bill McFerrin reported minutes for the MMC-6 working group can be found in 08-085. He noted that the major MMC-6 activity this week was the TCG security format document.

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

In the absence of Paul Suhler, Michael Banther reported on the activities of the ADI working group (minutes in 08-042r1). Paul provided an electronic report in 08-067r1.

8.18 USB Queuing Transport (UAS) Project 2095-D [Stevens]

Curtis Stevens reported that UAS effort would like to hold one conference call, and a face-to-face meeting probably in conjunction with the USB meeting in Atlanta.

9. Old Business

There was no old business.
10. New Business

10.1 Actions on SAS Protocol Working Group Recommendations

Mark Evans reviewed the following proposals recommended for inclusion in SAS-2:

- 07-391r3 (Limiting SAS Target response to OPEN_REJECT (RETRY)) [Penokie]
- 07-403r2 (Add SMP Report General Open Response While Configuring) [Besmer]
- 07-397r3 (Indeterminate response length to a SMP REPORT GENERAL function) [Penokie]
- 08-005r0 (Mode page tweaks) [Elliott]
- 08-011r0 (XL Forward Dword correction) [Elliott]
- 08-009r1 (Elasticity buffer clarifications) [Elliott]
- 08-010r1 (SP State Machine - SL State Machine interaction issue) [Martin]
- 08-040r0 (SMP DISCOVER Self-Configuration Levels Completed) [Besmer]
- 07-479r2 (Phy test pattern transmitter controls) [Elliott]

Rob Elliott moved that 07-391r3, 07-403r2, 07-397r3, 08-005r0, 08-011r0, 08-009r1, 08-010r1, 08-040r0, and 07-479r2 be approved for inclusion in SAS-2. Bill Martin seconded the motion. The motion passed on a vote of 20:0:6:13=39.

10.2 Actions on SAS PHY Working Group Recommendations

Alvin Cox reviewed the following proposals recommended for inclusion in SAS-2:

- 07-471r3 (Proposed Cable Tables) [McSorley]
- 08-032r4 (Proposed modifications to SSC profile definition) [Fortin]
- 08-014r4 (Remove restrictions for SSC) [Houlder, Cox]
- 07-484r2 (Interconnect Signal-to-Noise Ratio Study) [Olawsky]
- 07-486r3 (Receiver Device Physical Testing) [Witt & Bari]
- 07-339r9 (6Gbps PHY specification) [Cox]
- 07-443r1 (Calibration of Jitter Measurement Devices) [Cox]

Alvin Cox moved that 07-471r3, 08-032r4, 08-014r4, 07-484r2, 07-486r3, 07-339r9, and 07-443r1 be approved for inclusion in SAS-2. Doug Wagner seconded the motion. The motion passed on a vote of 21:0:8:10=39.

10.3 Actions on SAT Working Group Recommendations

Mark Overby reviewed the following proposals recommended for inclusion in SAT-2:

- 08-016r1 (Add translation for Block Characteristics VPD Page) [Besmer]
- 08-075r1 (Proposal to add the ATA device password security feature) [Stevens]

Mark Overby moved that 08-016r1 be approved for inclusion in SAT-2. Bill Martin seconded the motion. The motion passed on a vote of 19:0:9:11=39.

Curtis Stevens moved that 08-075r1 be approved for inclusion in SAT-2. Kevin Marks seconded the motion. The motion passed on a vote of 8:1:22:8=39.
10.4 Actions on CAP Working Group Recommendations

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

- 08-053r1 (Persistent reservation fixes) [Houlder]
- 08-034r2 (Error history cleanup) [Weber]
- 08-057r0 (Allocation length advisories in Inquiry command) [Geldman]
- 07-169r7 (ESP-SCSI for Parameter Data) [Weber]
- 08-037r3 (SA Creation corrections and clarifications) [Weber]
- 08-061 CAP Minutes (ATA Power Conditions mode subpage assignment) [Knight/Overby/Weber]


David Black moved that 08-053r1, 08-034r2, 07-169r7, 08-037r3, and 08-061 [CAP Minutes] be approved for inclusion in SPC-4; that 07-451r1 be approved for inclusion in SPC-4 and SBC-3; that 07-459r4 be approved for inclusion in SAM-4, SPC-4, and SBC-3; that 07-454r5 be approved for inclusion in SPC-4, SBC-3, SSC-3, and SMC-3. Erich Oetting seconded the motion. The motion passed on a vote of 24:0:4:11=39.

John Geldman moved that 08-057r0 be approved for inclusion in SPC-4. Ralph Weber seconded the motion. The motion passed on a vote of 7:4:20:8=39.

Mark Evans and Rob Elliott reviewed 08-041r1 (Use period as decimal separator in T10 standards) [Elliott] a proposal recommended for the T10 Style Guide and all active T10 standards.

Rob Elliott moved that 08-041r1 be approved for the T10 Style Guide and all active T10 standards. John Lohmeyer seconded the motion. The motion passed on a vote of 14:5:8:12=39.

10.5 Actions on Other Working Group Recommendations

No recommendations were presented from other working groups.

10.6 Project Proposal: ADT-3 (08-054r0) [Suhler]

John Lohmeyer noted that the project proposal for an ADT-3 project did not meet the automatic two-week rule, so it will be deferred until the next T10 meeting.

10.7 INCITS Executive Board Request for Confirmation of Liaisons (08-058r0) [Barra]

John Lohmeyer led the committee in a discussion of its liaisons as described in 08-058r0 with a goal of removing the inactive liaisons.

Kevin Butt moved that the liaisons to SFF, SNIA, TCG, and MIPI Alliance be dropped and the other liaisons be reconfirmed. Bill Martin seconded the motion. The motion passed on a unanimous voice vote.

11. ISO/IEC

11.1 ISO/IEC Report [Robinson]

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

11.2.1 FCD Recommendation on ISO/IEC 14776-151, SAS-1.1

John Lohmeyer moved that T10 recommends that the SC25 TAG vote to approve 25N 1430, FCD ISO/IEC 14776-151 Information technology Small Computer System Interface Part 151: Serial Attached SCSI - 1.1 (SAS-1.1). Erich Oetting seconded the motion.

The motion passed on a roll call vote of 29:0:0:10=39. The details of the vote were as follows:
This two-thirds international roll call vote passed (29:0:0:10=39).

John Lohmeyer and/or Gary Robinson will notify INCITS that T10 recommends that the SC25 TAG vote to approve 25N 1430, FCD ISO/IEC 14776-151 Information technology Small Computer System Interface Part 151: Serial Attached SCSI - 1.1 (SAS-1.1).

### 11.2.2 FDIS Recommendation on ISO/IEC 14776-223, FCP-3

John Lohmeyer moved that T10 has reviewed the FDIS, 1.25.13.11.47 FCP-3 14776-223, and recommends that the JTC1 TAG vote to approve said FDIS. Erich Oetting seconded the motion.

The motion passed on a roll call vote of 29:0:0:10=39. The details of the vote were identical to the results in 11.2.1.

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<tr>
<th>Organization</th>
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<tr>
<td>PMC-Sierra</td>
<td>Tim Symons</td>
<td>Yes</td>
</tr>
<tr>
<td>Quantum Corp.</td>
<td>Paul Stone</td>
<td>Yes</td>
</tr>
<tr>
<td>Samsung</td>
<td>Michael Rogers</td>
<td>Yes</td>
</tr>
<tr>
<td>SanDisk Corporation</td>
<td>(not present)</td>
<td></td>
</tr>
<tr>
<td>Seagate Technology</td>
<td>Gerald Houlder</td>
<td>Yes</td>
</tr>
<tr>
<td>STMicroelectronics, Inc.</td>
<td>Stephen Finch</td>
<td>Yes</td>
</tr>
<tr>
<td>Sun Microsystems, Inc.</td>
<td>Erich Oetting</td>
<td>Yes</td>
</tr>
<tr>
<td>Symantec</td>
<td>Roger Cummings</td>
<td>Yes</td>
</tr>
<tr>
<td>TycoElectronics</td>
<td>Dan Gorenc</td>
<td>Yes</td>
</tr>
<tr>
<td>Western Digital</td>
<td>Mark Evans</td>
<td>Yes</td>
</tr>
</tbody>
</table>
John Lohmeyer and/or Gary Robinson will notify INCITS that T10 has reviewed the FDIS, 1.25.13.11.47 FCP-3 14776-223, and recommends that the JTC1 TAG vote to approve said FDIS.

12. Liaison Reports

12.1 T11 Liaison Report [Snively]

In the absence of Bob Snively, Bill Martin presented the T11 electronic liaison report (08-055r0) that Bob had prepared.

12.2 T13 Liaison Report [Colegrove]

Dan Colegrove provided an electronic report in 08-087r0 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 SFF Industry Group [Allan]

In the absence of Dal Allan, no SFF Industry Group liaison report was available.

12.4 SCSI Trade Association (STA) [Czekalski]

Marty Czekalski presented an electronic report (08-086r0) on the activities of the SCSI Trade Association.

12.5 SNIA [open]

No report was made.

12.6 Trusted Computing Group [Fitzpatrick]

In the absence of Mike Fitzpatrick, no report was made.

12.7 MIPI Alliance [Shimor]

In the absence of Avraham Shimor, no report was made.

12.8 IEEE P1619 [Ball]

Kevin Marks presented an electronic report (08-074r0) prepared by Matt Ball.

13. Review of Action Items

688 Sivan Tal will prepare 07-454r5 for incorporation in SSC-3.
689 Dave Peterson will prepare a new revision of SSC-3 that contains 07-454r5.
690 John Lohmeyer will conduct a letter ballot on the new revision of SSC-3 after it is posted.
691 John Lohmeyer will conduct a letter ballot forwarding SAS-2 r14.
692 John Lohmeyer and/or Gary Robinson will notify INCITS that T10 recommends that the SC25 TAG vote to approve 25N 1430, FCD ISO/IEC 14776-151 Information technology Small Computer System Interface Part 151: Serial Attached SCSI - 1.1 (SAS-1.1).
693 John Lohmeyer and/or Gary Robinson will notify INCITS that T10 has reviewed the FDIS, 1.25.13.11.47 FCP-3 14776-223, and recommends that the JTC1 TAG vote to approve said FDIS.
14. Meeting Schedule

The next plenary meeting of T10 will be Thursday March 13, 2008 in Raleigh, NC at the Hilton Raleigh-Durham Airport at Research Triangle Park Hotel (Reservations: 919-941-6000) hosted by Network Appliance. The meeting will begin at 1:30 p.m. on Thursday.

The meeting list for the next plenary week is:

March 2008 Meeting Map
(2008/01/17 Version)

<table>
<thead>
<tr>
<th>Monday 3/10</th>
<th>9 10 11 12 1 2 3 4 5 6 7 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>+---------------+-----------------------------+ (15)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SMC-3 WG / ADI-2 WG</td>
</tr>
<tr>
<td>+-----------------------------+-----------------------------+</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAS Protocol WG</td>
</tr>
<tr>
<td>+-----------------------------+-----------------------------+</td>
<td></td>
</tr>
<tr>
<td></td>
<td>IEEE P1619</td>
</tr>
<tr>
<td>+-----------------------------+-----------------------------+</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mt Fuji</td>
</tr>
<tr>
<td>+-----------------------------+-----------------------------+</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tuesday 3/11</th>
<th>9 10 11 12 1 2 3 4 5 6 7 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>+---------------------------------------------+ (45)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAS Physical WG</td>
</tr>
<tr>
<td>+-----------------------------+-----------------------------+</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SAT WG</td>
</tr>
<tr>
<td>+-----------------------------+-----------------------------+</td>
<td></td>
</tr>
<tr>
<td></td>
<td>FCP-4 / SSC-3 WG</td>
</tr>
<tr>
<td>+-----------------------------+-----------------------------+</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mt Fuji</td>
</tr>
<tr>
<td>+-----------------------------+-----------------------------+</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wednesday 3/12</th>
<th>9 10 11 12 1 2 3 4 5 6 7 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>+-----------------------------+ (45)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CAP WG</td>
</tr>
<tr>
<td>+-----------------------------+-----------------------------+</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MMC WG</td>
</tr>
<tr>
<td>+-----------------------------+-----------------------------+</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STA Plen*/TCC*</td>
</tr>
<tr>
<td>+-----------------------------+-----------------------------+</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Thursday 3/13</th>
<th>9 10 11 12 1 2 3 4 5 6 7 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>+-----------------------------+ (45/50/10)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CAP WG</td>
</tr>
<tr>
<td>+-----------------------------+-----------------------------+</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Friday 3/14</th>
<th>8 9 10 11 12 1 2 3 4 5 6 7 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>No meetings are planned for Friday.</td>
<td></td>
</tr>
</tbody>
</table>

/ 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
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)
<table>
<thead>
<tr>
<th>Meeting</th>
<th>Date(s)</th>
<th>Location / Host</th>
</tr>
</thead>
<tbody>
<tr>
<td>UAS Call</td>
<td>Late January</td>
<td>TBA via T10 Reflector / Stevens</td>
</tr>
<tr>
<td>SAM-4/SES-2 LB Calls</td>
<td>Wed Jan 30</td>
<td>TBA via T10 Reflector / Penokie or Elliott</td>
</tr>
<tr>
<td>ADI Call</td>
<td>Wed Feb 6</td>
<td>TBA via T10 Reflector / HP</td>
</tr>
<tr>
<td>SMC-3 Call</td>
<td>Thu Feb 7</td>
<td>TBA via T10 Reflector / HP</td>
</tr>
<tr>
<td>UAS WG</td>
<td>Wed Feb 13</td>
<td>TBA via T10 Reflector / Quantum</td>
</tr>
<tr>
<td>ADI Call</td>
<td>Thu Feb 14</td>
<td>TBA via T10 Reflector / Cox</td>
</tr>
<tr>
<td>SAT-2 WG</td>
<td>Fri Feb 22</td>
<td>Foothill Ranch, CA / Stevens</td>
</tr>
<tr>
<td>SAT-2 WG</td>
<td>Fri Apr 25</td>
<td>Las Vegas, NV / Colegrove</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Activity</th>
<th>Contact</th>
<th>Telephone/Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADT-2, ADC-2, ADC-3</td>
<td>Paul Stone</td>
<td>(949) 725-1874 paul dot stone at quantum dot com</td>
</tr>
<tr>
<td>SES-2, SAS-1.1, SAS-2, BCC, SDI</td>
<td>Rob Elliott</td>
<td>(281) 518-5037 Elliott at hp dot com</td>
</tr>
<tr>
<td>MMC-5, MMC-6</td>
<td>Bill McFerrin</td>
<td>(325) 423-1560 billmc37 at ctesc dot net</td>
</tr>
<tr>
<td>SBP-3</td>
<td>Peter Johansson</td>
<td>(510) 527-3926 Pjohansson at ACM dot org</td>
</tr>
<tr>
<td>SAM-4, SBC-3</td>
<td>George Penokie</td>
<td>(507) 253-5208 gop at us dot ibm dot com</td>
</tr>
<tr>
<td>SAT-2</td>
<td>Mark Overby</td>
<td>(425) 417-9412 moverby at nvidia dot com</td>
</tr>
<tr>
<td>SMC-2</td>
<td>Erich Oetting</td>
<td>(303) 673-2178  Erich_Oetting at Stortek dot com</td>
</tr>
<tr>
<td>SMC-3</td>
<td>Noud Snelder</td>
<td>+31408446108 Noud dot snelder at bdt dot de</td>
</tr>
<tr>
<td>SPC-3, SAM-3, SPC-4, OSD-2</td>
<td>Ralph Weber</td>
<td>(214) 912-1373 roweber at acm dot org</td>
</tr>
<tr>
<td>SSC-3, FCP-3, FCP-4</td>
<td>Dave Peterson</td>
<td>(763) 268-6139 david dot peterson at brocade dot com</td>
</tr>
<tr>
<td>Other Activities</td>
<td>John Lohmeyer</td>
<td>(719) 533-7560 lohmeyer at t10 dot org</td>
</tr>
</tbody>
</table>
The long-term T10 meeting week schedule is:

<table>
<thead>
<tr>
<th>Dates</th>
<th>Location</th>
<th>Host / Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov 5-9, 2007</td>
<td>Las Vegas, NV</td>
<td>Hitachi GST</td>
</tr>
<tr>
<td>Jan 14-18, 2008</td>
<td>Santa Ana, CA</td>
<td>Western Digital</td>
</tr>
<tr>
<td>Mar 10-14, 2008</td>
<td>Raleigh, NC</td>
<td>Network Appliance</td>
</tr>
<tr>
<td>May 5-9, 2008</td>
<td>Santa Clara, CA</td>
<td>Nvidia</td>
</tr>
<tr>
<td>Jul 14-18, 2008</td>
<td>Anchorage, AK</td>
<td>Emulex</td>
</tr>
<tr>
<td>Sep 8-12, 2008</td>
<td>Colorado Springs, CO</td>
<td>LSI Corp.</td>
</tr>
<tr>
<td>Nov 3-7, 2008</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jan 12-16, 2009</td>
<td>Lake Mary, FL</td>
<td>Symantec</td>
</tr>
<tr>
<td>Mar 9-13, 2009</td>
<td>Oklahoma City, OK</td>
<td>Fujitsu</td>
</tr>
<tr>
<td>May 4-8, 2009</td>
<td>Seattle, WA</td>
<td>Microsoft Corp.</td>
</tr>
<tr>
<td>Jul 13-17, 2009</td>
<td>Colorado Springs, CO</td>
<td>LSI Corp.</td>
</tr>
<tr>
<td>Sep 7-11, 2009</td>
<td>Boston, MA</td>
<td>EMC Corp.</td>
</tr>
<tr>
<td>Nov 9-13, 2009</td>
<td>Las Vegas, NV</td>
<td>Hitachi GST</td>
</tr>
<tr>
<td>Jan 11-15, 2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mar 8-12, 2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 3-7, 2010</td>
<td></td>
<td></td>
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<tr>
<td>Jul 12-16, 2010</td>
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<td></td>
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<tr>
<td>Sep 13-17, 2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nov 8-12, 2010</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 noted that the September 2009 meeting dates need to be changed because September 7, 2009 is Labor Day. John Lohmeyer moved and David Black seconded that the September 2009 meeting dates be changed to one week later, September 14-18, 2009. In the absence of any objections, the motion passed unanimously.

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

John Lohmeyer moved and Mark Overby seconded that T10 approve the 2010 meeting dates. In the absence of any 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.

Mark Overby moved that T10 authorize the T10-related meetings and events in the list above that had not previously been approved. Erich Oetting 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 3:55 p.m. on Thursday January 17, 2008.
Enclosure(1) -- Meeting Attendees

<table>
<thead>
<tr>
<th>Name</th>
<th>S</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Paul von Stamwitz</td>
<td>P</td>
<td>AMCC</td>
</tr>
<tr>
<td>Mr. William McFerrin</td>
<td>V</td>
<td>DataPlay</td>
</tr>
<tr>
<td>Mr. Kevin Marks</td>
<td>P</td>
<td>Dell, Inc.</td>
</tr>
<tr>
<td>Mr. David Black</td>
<td>A</td>
<td>EMC Corp.</td>
</tr>
<tr>
<td>Mr. William Martin</td>
<td>P</td>
<td>Emulex</td>
</tr>
<tr>
<td>Mr. Ralph O. Weber</td>
<td>P</td>
<td>ENDL Texas</td>
</tr>
<tr>
<td>Mr. Douglas Wagner</td>
<td>P</td>
<td>FCI</td>
</tr>
<tr>
<td>Mr. Geoffrey Hibbert</td>
<td>A</td>
<td>Finisar Corp.</td>
</tr>
<tr>
<td>Mr. Elwood Parsons</td>
<td>P</td>
<td>Foxconn Electronics</td>
</tr>
<tr>
<td>Mr. Mike Fitzpatrick</td>
<td>P</td>
<td>Fujitsu</td>
</tr>
<tr>
<td>Mr. Nathan Hastad</td>
<td>P</td>
<td>General Dynamics</td>
</tr>
<tr>
<td>Mr. Curtis Ballard</td>
<td>A</td>
<td>Hewlett Packard Co.</td>
</tr>
<tr>
<td>Mr. Michael Banther</td>
<td>A</td>
<td>Hewlett Packard Co.</td>
</tr>
<tr>
<td>Mr. Rob Elliott</td>
<td>P</td>
<td>Hewlett Packard Co.</td>
</tr>
<tr>
<td>Mr. Dan Colegrove</td>
<td>P</td>
<td>Hitachi Global Storage Tech.</td>
</tr>
<tr>
<td>Mr. Kevin Butt</td>
<td>P</td>
<td>IBM Corp.</td>
</tr>
<tr>
<td>Mr. George O. Penokie</td>
<td>V</td>
<td>Independent</td>
</tr>
<tr>
<td>Dr. Mark Seidel</td>
<td>P</td>
<td>Intel Corp.</td>
</tr>
<tr>
<td>Mr. Robert Payne</td>
<td>P</td>
<td>Iomega Corp.</td>
</tr>
<tr>
<td>Mr. John Goldman</td>
<td>P</td>
<td>Lexar Media, Inc.</td>
</tr>
<tr>
<td>Mr. Dennis Kleppen</td>
<td>A</td>
<td>LSI Corp.</td>
</tr>
<tr>
<td>Mr. John Lohmeyer</td>
<td>P</td>
<td>LSI Corp.</td>
</tr>
<tr>
<td>Mr. Paul Wassenberg</td>
<td>A</td>
<td>Marvell Semiconductor, Inc.</td>
</tr>
<tr>
<td>Mr. Takaharu Ai</td>
<td>V</td>
<td>Matsushita</td>
</tr>
<tr>
<td>Mr. Robert Griswold</td>
<td>A</td>
<td>Microsoft Corp.</td>
</tr>
<tr>
<td>Mr. Chris Fore</td>
<td>A</td>
<td>Network Appliance</td>
</tr>
<tr>
<td>Mr. Frederick Knight</td>
<td>P</td>
<td>Network Appliance</td>
</tr>
<tr>
<td>Mr. Mark Overby</td>
<td>P</td>
<td>Nvidia Corp.</td>
</tr>
<tr>
<td>Mr. Tim Symons</td>
<td>P</td>
<td>PMC-Sierra</td>
</tr>
<tr>
<td>Mr. Paul Stone</td>
<td>A</td>
<td>Quantum Corp.</td>
</tr>
<tr>
<td>Mr. Michael Rogers</td>
<td>A</td>
<td>Samsung</td>
</tr>
<tr>
<td>Mr. Alvin Cox</td>
<td>A</td>
<td>Seagate Technology</td>
</tr>
<tr>
<td>Mr. Martin Czekalski</td>
<td>V</td>
<td>Seagate Technology</td>
</tr>
<tr>
<td>Mr. Gerald Houlder</td>
<td>P</td>
<td>Seagate Technology</td>
</tr>
<tr>
<td>Mr. Stephen Finch</td>
<td>P</td>
<td>STMicroelectronics, Inc.</td>
</tr>
<tr>
<td>Mr. Erich Oetting</td>
<td>P</td>
<td>Sun Microsystems, Inc.</td>
</tr>
<tr>
<td>Mr. Roger Cummings</td>
<td>P</td>
<td>Symantec</td>
</tr>
<tr>
<td>Mr. Dan Gorenc</td>
<td>A</td>
<td>TycoElectronics</td>
</tr>
<tr>
<td>Mr. Scott Shuey</td>
<td>A</td>
<td>TycoElectronics</td>
</tr>
<tr>
<td>Mr. Mark Evans</td>
<td>P</td>
<td>Western Digital</td>
</tr>
<tr>
<td>Mr. Curtis Stevens</td>
<td>A</td>
<td>Western Digital</td>
</tr>
</tbody>
</table>

41 People Present

Status Key:  
P - Principal  
A - Alternate  
AV - Advisory Member  
E - Emeritus  
L - Liaison  
V - Visitor
<table>
<thead>
<tr>
<th>ISO Proj.</th>
<th>Acronym</th>
<th>Part Num.</th>
<th>Last Step Completed</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.25.13.10.14</td>
<td>RL</td>
<td>24740</td>
<td>S6: SC25 sends FDIS to JTC1 for publishing</td>
<td>Approved as IS</td>
</tr>
<tr>
<td>1.25.13.11.13</td>
<td>SMC</td>
<td>14776-351</td>
<td>S7: IS Published</td>
<td>Published</td>
</tr>
<tr>
<td>1.25.13.11.19</td>
<td>SAM-2</td>
<td>14776-412</td>
<td>S7: IS Published</td>
<td>Published</td>
</tr>
<tr>
<td>1.25.13.11.22</td>
<td>SES-2</td>
<td>14776-372</td>
<td>S2: NWIP Approved</td>
<td>Waiting for FCD text</td>
</tr>
<tr>
<td>1.25.13.11.28</td>
<td>SPI-4</td>
<td>14776-114</td>
<td>S8: WITHDRAWAL, INCITS as JTC1 TAG votes</td>
<td>INCITS Approved Withdrawal</td>
</tr>
<tr>
<td>1.25.13.11.31</td>
<td>SBC-2</td>
<td>14776-322</td>
<td>S7: IS Published</td>
<td></td>
</tr>
<tr>
<td>1.25.13.11.33</td>
<td>SPC-3</td>
<td>14776-453</td>
<td>S5: INCITS votes on FDIS in JTC1</td>
<td>US voted approve</td>
</tr>
<tr>
<td>1.25.13.11.37</td>
<td>SSM-2</td>
<td>14776-132</td>
<td>S8: WITHDRAWAL, SC25 Resolution</td>
<td>Voted to remove from SC25 Program of Work, Resolution BL-WG4-11</td>
</tr>
<tr>
<td>1.25.13.11.38</td>
<td>PIP</td>
<td>14776-121</td>
<td>S5: INCITS votes on FDIS in JTC1</td>
<td>FDIS Ballot in process 25N1352, closes 2007-12-02</td>
</tr>
<tr>
<td>1.25.13.11.39</td>
<td>SBP-3</td>
<td>14776-233</td>
<td>S8: WITHDRAWAL, SC25 Resolution</td>
<td>Voted to remove from SC25 Program of Work, Resolution BL-WG4-13</td>
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<td>1.25.13.11.45</td>
<td>SAM-3</td>
<td>14776-413</td>
<td>S6: SC25 sends FDIS to JTC1 for publishing</td>
<td>Sent for publication</td>
</tr>
<tr>
<td>1.25.13.11.46</td>
<td>SAS-1.1</td>
<td>14776-151</td>
<td>S3: SC25 started FCD ballot</td>
<td>Need T10 vote for FCD, 25 N 1430 , SC/JTC 1 DueDate: 2008-03-07</td>
</tr>
<tr>
<td>1.25.13.11.47</td>
<td>FCP-3</td>
<td>14776-223</td>
<td>S5: SC25 requests JTC1 to start FDIS ballot</td>
<td>FDIS sent for ballot</td>
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<tr>
<td>1.25.13.18-1</td>
<td>ATAPI-7-1</td>
<td>24739-1</td>
<td>S6: SC25 sends FDIS to JTC1 for publishing</td>
<td>Ready for publication, buts needs minor editing approval from T13</td>
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### T10 ISO Status Report - 01/10/2008

<table>
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<tr>
<th>ISO Proj.</th>
<th>Acronym</th>
<th>Part Num.</th>
<th>Last Step Completed</th>
<th>Comments</th>
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<tr>
<td>1.25.13.18-3</td>
<td>ATAPI-7-3</td>
<td>24739-3</td>
<td>S3: INCITS sends FCD vote to SC25 TAG</td>
<td>FCD Ballot out 25n1412, closing 2008-02-25</td>
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<td>1.25.13.<strong>.</strong>_</td>
<td>SPC</td>
<td>14776-311/451</td>
<td>S8: WITHDRAWAL, INCITS as JTC1 TAG votes</td>
<td>INCITS Approved Withdrawal</td>
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</table>
Enclosure(3) -- T10 Attendance Database
Generated on 2008/01/21 at 14:12:36

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