

Accredited Standards Committee\*  
**National Committee for Information Technology Standards (NCITS)**

**Doc. No.:** T10/01-143r0

**Date:** May 7, 2001

**Reply to:** John Lohmeyer

To: T10 Membership  
From: Ralph Weber / John Lohmeyer  
Subject: Minutes of T10 Plenary Meeting #43 -- May 3, 2001  
Nashua, NH

## Agenda

1. Opening Remarks
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8. Project Status Reports
  - 8.1 Project Status Summary and NCITS Liaison [Lohmeyer]
  - 8.2 SCSI Fibre Channel Protocol - 2 (FCP-2) {Project 1144-D} [Snively]
  - 8.3 SCSI Architecture Model - 2 (SAM-2) {Project 1157-D} [Weber]
  - 8.4 SCSI Primary Commands - 2 (SPC-2) Status {Project 1236-D} [Weber]
  - 8.5 MultiMedia Command Set - 3 (MMC-3) {Project 1363-D} [McFerrin]
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  - 8.10 SCSI Medium Changer Commands - 2 (SMC-2) {Project 1383-D} [Oetting]
  - 8.11 SCSI Signal Modeling (SSM) {Project 1414-DT} [Aloisi]
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  - 8.16 SCSI Stream Commands - 2 (SSC-2) {Project 1434-D} [Peterson]
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  - 9.1 Style Guide [Moore]
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  - 10.1 Results of letter ballot on forwarding MMC-3 to first public review (01-113) [Lohmeyer]
  - 10.2 Project Proposal for an RBC-2 Standard (01-098) [Roberts]
  - 10.3 Project Proposal for Bridge Controller Commands (01-095) [Penokie/Elliott]
  - 10.4 Project Proposal for SCSI Signal Modeling - 2 (SSM-2) Standard (01-129) [Aloisi]
  - 10.5 Actions on Parallel SCSI Working Group Recommendations
    - 10.5.1 Streaming Clarifications (01-125r1) [Day]
    - 10.5.2 SPI L\_Q error handling (01-147r0) [Penokie]
    - 10.5.3 SPI-4 reset cleanup (01-128r2) [Elliott]

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- 10.6 Actions on CAP Working Group Recommendations
  - 10.6.1 Multi-Port Model Discussion (00-268r8) [Penokie]
  - 10.6.2 Asymmetrical SCSI Behavior (00-232r9) [Moe]
  - 10.6.3 Logical unit groups (01-004r2) [Elliott]
- 10.7 Actions on Other Working Group Recommendations
- 10.8 Project Proposal for SRP-2 (01-\_\_\_\_) [Elliott]
- 11. ISO/IEC
  - 11.1 ISO/IEC Report (01-152r0) [Robinson]
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- 12. Liaison Reports
  - 12.1 T11 Liaison Report [open]
  - 12.2 T13 Liaison Report [Evans]
  - 12.3 SFF Industry Group [Allan]
  - 12.4 IEEE 1394 [Johansson]
  - 12.5 SCSI Trade Association (STA) [Jones/Aloisi]
  - 12.6 IETF SCSI over IP [Black/Robinson]
  - 12.7 NCITS H2 (Database Languages) [Hare]
- 13. Review of Action Items
- 14. Meeting Schedule
  - 14.1 Authorization of Working Group Meetings
- 15. Adjournment

## Results of Meeting

### 1. Opening Remarks

John Lohmeyer, the T10 Chair, called the meeting to order at 9:00 a.m., Thursday May 3, 2001. He thanked Zane Daggett of Hitachi Cable Manchester for hosting the meeting.

John said that NCITS Subgroup Membership forms and the T10 Mailing Subscription form were available from the head table. He said that people should use the NCITS forms to insure the NCITS Secretariat has the latest membership information. These forms should be mailed directly to the NCITS Secretariat.

As is customary, the people attending introduced themselves and a copy of the attendance list was circulated. Copies of the draft agenda and general information on T10 were made available to those attending.

### 2. Approval of Agenda

The draft agenda was approved with the following additions/changes:

- 10.5.1 Streaming Clarifications (01-125r1) [Day]
- 10.5.2 SPI L\_Q error handling (01-147r0) [Penokie]
- 10.5.3 SPI-4 reset cleanup (01-128r3) [Elliott]
- 10.6.1 Multi-Port Model Discussion (00-268r8) [Penokie]
- 10.6.2 Asymmetrical SCSI Behavior (00-232r9) [Moe]
- 10.6.3 Logical unit groups (01-004r2) [Elliott]
- 10.8 Project Proposal for SRP-2 (01-\_\_\_\_) [Elliott]

No agenda items were added/revised during the course of the meeting.

### **3. Attendance and Membership**

The membership requirements were reviewed. NCITS rules permit one vote per organization. An individual from a new organization must attend at least one T10 plenary meeting as an Advisory Member. He/she may apply for voting membership at this meeting, which becomes effective following adjournment of the meeting. Voting privileges begin upon receipt by the NCITS Secretariat of applicable fees for the membership year.

To maintain membership, organizations must pay the NCITS Service Fee (\$800).

John briefly discussed the mailing fees. Complete pricing information is contained in the 2001 membership form (available at [ftp://ftp.t10.org/t10/mem\\_form.txt](ftp://ftp.t10.org/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 he had sent letters to 5 people from 3 organizations informing them that their membership was in jeopardy due to non-attendance (see 01-116r0) and that their membership would be terminated if they did not attend this meeting. The following organizations were in attendance jeopardy:

Circuit Assembly Corp.  
Exabyte Corp.  
Woven Electronics

All organizations in attendance jeopardy were present.

No organizations requested new (or reinstated) membership.

The T10 membership during the meeting was 46 organizations unchanged from last time. Enclosure (1) is the list of the people present at the meeting and enclosure (2) is the current T10 membership list.

The following organization requested new membership following the adjournment of the meeting:

Andiamo Systems, Inc.

T10 membership following the meeting was 47 members.

### **4. Approval of Minutes - March '01 Meeting - Dallas, TX (T10/01-091r1)**

The minutes were approved as written.

### **5. Document Distribution**

Members who have any problems with their mailing subscription should deal directly with Monica Vago ([mvago@itic.org](mailto:mvago@itic.org)) (202) 626-5741.

John Lohmeyer requested that all documents for the next mailing be in his hands in electronic format by 10:30 a.m. on Thursday May 10, 2001. 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 native-format and/or Portable Document Format (PDF) electronic originals with proper identification must be submitted.

People can obtain T10 document numbers and revised T10 document numbers by filling out a web form at <http://www.t10.org/members/>. The assigned T10 document number will be sent to the requestor by email. 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; if you do not know your password, go to the above URL and click on the link to have your password sent to you via e-mail. Non-members can also use the above 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 email to [majordomo@t10.org](mailto:majordomo@t10.org) with the line 'subscribe t10' in the message body.

The NCITS Secretariat maintains a World Wide Web page at <http://www.ncits.org/>.

LSI Logic 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 current document register is enclosure (3). The T10 document register is also available at:

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

## **6. Call for Patents**

This is a regular agenda item to identify any potential patent issues with developing standards and technical reports.

A document is available from ANSI, "Procedures for the Development and Coordination of American National Standards", at no charge. This document is also on the WWW at [http://www.ncits.org/help/ansi\\_sdo.html](http://www.ncits.org/help/ansi_sdo.html). Section 1.2.11 contains the ANSI patent policy. Amy Marasco manages patent issues for ANSI and can be contacted at [amarasco@ansi.org](mailto:amarasco@ansi.org) or 212-642-4954. 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 presented a foil containing 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.

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

Cris Simpson reported that a statement of the Intel patent policy can be found in 01-041r0.

## 7. Review of Old Action Items

- 406) John Lohmeyer will forward FCP-2 revision 7 to NCITS for processing toward first public review. *Complete.*
- 407) John Lohmeyer will forward SPC-2 revision 19 to NCITS for processing toward first public review. *Complete.*
- 408) John Lohmeyer will conduct a letter ballot regarding forwarding of MMC-3 revision 9 to public review. *Complete.*
- 409) Bill McFerrin will inform the T10 reflector that a request to close the RMC project will be made at the May T10 meeting. *Carryover*
- 410) John Lohmeyer will notify NCITS that T10 recommends reaffirmation of CAM X3.232:1996, SSA-TP1 X3.295:1996, SSA-S2P X3.294:1996, SSA-PH1 X3.293:1996, FCP X3.269:1996, and SAM X3.270:1996. *Complete.*
- 411) John Lohmeyer will notify NCITS that T10 recommends the replacement of the project proposal for project 1439-DT (PIP) with 00-238r1. *Complete.*
- 412) Gary Robinson will report to the JTC 1 TAG that T10 has reviewed FCD, SC25 N 624, and recommends that the JTC1 TAG approve, ISO/IEC FCD 14776-326: IT - Small Computer System Interface - Part 326: SCSI Reduced Block Commands. *Complete.*
- 413) Gary Robinson will report to the JTC 1 TAG that T10 has reviewed FCD, SC25 N 610, and recommends that the JTC1 TAG approve ISO/IEC FCD 14776-362: IT - Small Computer System Interface (SCSI) - Part 362: Multimedia Commands (MMC-2). *Complete.*
- 414) Gary Robinson will report to the JTC 1 TAG that T10 has reviewed NP, SC25 N 678, and recommends that the JTC1 TAG approve the NP ISO/IEC SC25 N678 with the answers to the questions as documented in 01-087r1. *Complete.*
- 415) Gary Robinson will respond with an Approve when the JTC1 TAG requests a recommendation from T10 for their vote at JTC1 on this project, as long as no substantive changes have been made to the NP. *Complete.*
- 416) Gary Robinson will forward SSC revision 22 to the JTC1 TAG for further processing as a CD. *Complete.*
- 417) Gary Robinson will report to the JTC 1 TAG that T10 has reviewed CD, SC25 N 679, and recommends that the JTC1 TAG approve ISO/IEC CD 14776-331: IT - Small Computer System Interface (SCSI) - Part 331: Stream Commands (SSC). *Complete.*
- 418) Gary Robinson will report to the JTC 1 TAG that T10 has reviewed FCD, SC25 N 631, and recommends that the JTC1 TAG approve ISO/IEC FCD 14776-321: Small Computer System Interface - Part 321: Block Commands (SCSI-3 SBC). *Complete.*

## 8. Project Status Reports

### 8.1 Project Status Summary and NCITS Liaison [Lohmeyer]

John Lohmeyer said that the current T10 project status summary was included in the T10 Information Packages distributed prior to the meeting and will be included in the mailing as usual.

### 8.2 SCSI Fibre Channel Protocol - 2 (FCP-2) {Project 1144-D} [Snively]

John Lohmeyer reported that FCP-2 is in public review closing on 21 May 2001. He indicated that a public review comment is anticipated on FCP-2 from Veritas.

### 8.3 SCSI Architecture Model - 2 (SAM-2) {Project 1157-D} [Weber]

Ralph Weber reported that SAM-2 revision 17 will be available soon and will contain only the changes agreed by the SAM-2 editing meeting this past Monday. SAM-2 revision 18 will be prepared in time for the committee mailing and will contain changes approved by this meeting.

**8.4 SCSI Primary Commands - 2 (SPC-2) Status {Project 1236-D} [Weber]**

Ralph Weber reported that SPC-2 is in public review closing on 21 May 2001. He noted that a public review comment is anticipated from IBM.

**8.5 MultiMedia Command Set - 3 (MMC-3) {Project 1363-D} [McFerrin]**

Bill McFerrin reported on the activities of the MMC-3 working group (minutes in 01-165). He reviewed the comment resolution process for MMC-3. He noted that the working group is preparing a project proposal for MMC-4.

**8.6 Reduced MultiMedia Command Set (RMC) {Project 1364-D} [McFerrin]**

In the absence of notification of the RMC closure plans on the T10 reflector, John Lohmeyer requested that acting to close the RMC project be deferred to the July meeting.

**8.7 SCSI Parallel Interface - 4 (SPI-4) {Project 1365-D} [Penokie]**

George Penokie reported SPI-4 revision 4 was completed a couple of weeks ago and contained the AAF specifications. He noted that the last big chunk of work is the rewrite of the negotiation mechanism description, work that is being reviewed by the Parallel SCSI working group (minutes in 01-141).

George stated that revision 5 of SPI-4 would be completed soon but not in time for the committee mailing and proposed conducting a letter ballot on SPI-4 in August.

**8.8 SCSI Domain Validation Technical Report (SDV) {Project 1378-DT} [Roberts]**

John Lohmeyer reported on the activities of the SDV working group meeting (minutes in 01-117). Bill Ham reported that a request for changes in SPI-4 based on SDV uses is available in 01-149r0 and will be presented to the SPI-4 working group in July. He requested that people not take SDV revision 3 seriously since significant changes are planned for revision 4.

**8.9 SCSI on Scheduled Transfer (SST) {Project 1380-D} [Woelz]**

John Lohmeyer reported that a new revision of SST is available on the T10 web site. He indicated that a letter ballot on forwarding SST might follow the June T11 meetings.

**8.10 SCSI Medium Changer Commands - 2 (SMC-2) {Project 1383-D} [Oetting]**

In the absence of Erich Oetting no report was available.

**8.11 SCSI Signal Modeling (SSM) {Project 1414-DT} [Aloisi]**

Paul Aloisi reported on the activities of the SSM working group (minutes in 01-126) and provided an electronic copy of his report in 01-154r0.

**8.12 SCSI RDMA Protocol (SRP) {Project 1415-D} [Gardner]**

John Lohmeyer reported that Ed Gardner is ill and could not attend this meeting. Ed claims to be about one man-day away from finishing revision 4. Concerns were raised about getting SRP completed in a timely fashion. It was agreed that the issue would be discussed at the SRP working group meeting in the afternoon.

### **8.13 SCSI Primary Commands - 3 (SPC-3) {Project 1416-D} [Weber]**

Ralph Weber reported that SPC-3 revisions containing approved proposals will be available before the July meeting but probably not in time for the committee mailing.

### **8.14 SCSI Block Commands - 2 (SBC-2) {Project 1417-D} [open]**

John Lohmeyer reported that there still is a call for an editor for SBC-2.

### **8.15 Object-based Storage Devices Commands (OSD) {Project 1355-D} [Weber]**

Ralph Weber reported that Panasas Inc. has contracted for editing work on OSD. He stated that revision 4 of OSD would be ready for the committee mailing following the July meeting and will be at least a conversion of the document from Microsoft Word to FrameMaker.

Ralph noted that the people designing OSD intend to conduct their preliminary specification work on an e-mail reflector, following the model used by IETF. The reflector will not be the T10 reflector, but subscription information for the OSD reflector will be announced on the T10 reflector as soon as it is available. John Lohmeyer has agreed to archive the OSD reflector.

### **8.16 SCSI Stream Commands - 2 (SSC-2) {Project 1434-D} [Peterson]**

Dave Peterson provided an electronic report on the activities of the SSC-2 working group (01-153r0) which was read to the committee. John Lohmeyer noted that minutes for the SSC-2 working group meeting are available in 01-168.

### **8.17 SCSI Passive Interconnect Performance (PIP) {Project 1439-D} [Daggett]**

Zane Daggett reported on the activities of the PIP working group (minutes in 01-127).

### **8.18 SCSI Serial Bus Protocol -3 (SBP-3) {Project 1467-D} [Johansson]**

In the absence of Peter Johansson, John Lohmeyer gave a brief report on the activities of the SBP-3 working group (minutes in 01-139).

## **9. Old Business**

### **9.1 Style Guide [Moore]**

Prior to this meeting, Dennis Moore requested that discussion of this topic be deferred to the July meeting.

## **10. New Business**

### **10.1 Results of letter ballot on forwarding MMC-3 to first public review (01-113) [Lohmeyer]**

John Lohmeyer reported that the MMC-3 letter ballot closed on April 19 and passed 40:3:2:1=46. Bill McFerrin asked that action on the letter ballot resolution be deferred to the July meeting.

### **10.2 Project Proposal for an RBC-2 Standard (01-098) [Roberts]**

John Lohmeyer conducted a review of the RBC-2 project proposal. John Lohmeyer moved that T10 forward 01-098r0 to NCITS for processing as a project proposal for RBC-2. Paul Aloisi seconded the motion. The motion failed to meet the 2/3 voting requirements on a vote of 21:1:3:21=46. Bob Nixon noted that he would have voted for

the proposal instead of abstaining if the editor or facilitator had been present to advocate for it. John stated that he would consult with Ron Roberts and either issue a letter ballot or place this topic on the July agenda for consideration again.

### **10.3 Project Proposal for Bridge Controller Commands (01-095) [Penokie/Elliott]**

George Penokie asked that discussion of this topic be deferred to the July meeting.

### **10.4 Project Proposal for SCSI Signal Modeling - 2 (SSM-2) Standard (01-129) [Aloisi]**

Paul Aloisi presented the project proposal for SSM-2 (01-129r0). He noted that this is a proposal for a standard for modeling SCSI physical components. Bill Ham stated that work in SCSI Signal Modeling Technical Report project has progressed to the point where development of a standard makes sense.

Paul Aloisi moved that T10 forward 01-129r0 to NCITS for processing as a project proposal for SSM-2. Charles Brill seconded the motion. The motion passed the 2/3 voting requirements on a vote of 27:0:0:19=46.

John Lohmeyer took an action item to forward 01-129r0 to NCITS for processing as a project proposal for SSM-2.

### **10.5 Actions on Parallel SCSI Working Group Recommendations**

#### **10.5.1 Streaming Clarifications (01-125r1) [Day]**

George Penokie reviewed the changes proposed by 01-125r1, 01-147r0 and 01-128r2. Bill Galloway moved that 01-125r1, 01-147r0 and 01-128r2 be approved for inclusion in SPI-4. Paul Aloisi seconded the motion. The motion passed on a vote of 26:0:1:19=46.

#### **10.5.2 SPI L\_Q error handling (01-147r0) [Penokie]**

Action on this item was covered in item 10.5.1.

#### **10.5.3 SPI-4 reset cleanup (01-128r2) [Elliott]**

Action on this item was covered in item 10.5.1.

### **10.6 Actions on CAP Working Group Recommendations**

#### **10.6.1 Multi-Port Model Discussion (00-268r8) [Penokie]**

George Penokie reviewed the changes in 00-268r8, 00-232r9 and 01-004r2. Ralph Weber noted that 00-268r8 changes SAM-2 whereas 00-232r9 and 01-004r2 change SPC-3. Ken Moe moved that 00-268r8 be approved for inclusion in SAM-2 and that 00-232r9 and 01-004r2 be approved for inclusion in SPC-3. Cris Simpson seconded the motion. The motion passed on a vote of 25:0:1:20=46.

#### **10.6.2 Asymmetrical SCSI Behavior (00-232r9) [Moe]**

Action on this item was covered in item 10.6.1.

#### **10.6.3 Logical unit groups (01-004r2) [Elliott]**

Action on this item was covered in item 10.6.1.



## **10.7 Actions on Other Working Group Recommendations**

No other working group recommendations were brought before the committee.

## **10.8 Project Proposal for SRP-2 (01-\_\_\_\_) [Elliott]**

Rob Elliott informed the committee of plans to start an SRP-2 project to incorporate the multi-channel work developed by Cris Simpson. He indicated that efforts would be made to have the SRP-2 project proposal brought to a vote at the July meeting.

## **11. ISO/IEC**

### **11.1 ISO/IEC Report (01-152r0) [Robinson]**

Gary Robinson described the ISO reporting process and the ISO report format (01-152r0) and then reviewed the ISO status as of this meeting.

### **11.2 ISO/IEC Business [Robinson]**

No ISO business was brought before this meeting.

## **12. Liaison Reports**

### **12.1 T11 Liaison Report [open]**

John Lohmeyer announced that Neil Wanamaker will no longer be making liaison reports for T11. John Lohmeyer took an action item to request the T11 chair to appoint a liaison to T10.

### **12.2 T13 Liaison Report [Evans]**

Mark Evans reported to the committee on the activities and plans of the T13 technical committee (minutes available at [www.t13.org](http://www.t13.org) in document e01118r0).

### **12.3 SFF Industry Group [Allan]**

Dal Allan provided the following electronic report to the committee:

The proposals for 1.8" form factors from IBM/Fujitsu/Hitachi (SFF-8110) and Toshiba (SFF-8120) were reviewed and changes were recommended to the next revisions. A new title was recommended for SFF-8110, and the contents will be broken into two specifications for form factor (SFF-8111) and connector position (SFF-8112).

SFF-8421 (HSSDC-2) was reviewed, and the next revision will be separated into the generic specification with variations in keying and pin assignments for InfiniBand and Fibre Channel in separate sections.

SFF-8452 (SCA-3) was criticized for having had the unanticipated result of causing inquires for samples on the assumption that something better than SCS-2 was necessary for current SCSI implementations. Negative comments on the technical merits were answered and the title was changed.

SFF-8460 (HSS Backplane Design Guidelines) passed the ballot with no technical comments and will be next balloted for publication.

The HSOI (High Speed Optical Interconnects) and HPEI (High Performance Electrical Interconnect) projects are proceeding, and the next revision of HSOI is being prepared for balloting. The technical direction of HPEI was confirmed by new input at the last SSWG (Specific Subject Working Group). The next SSWG will be held May 22-23 at Fujitsu CPI in San Jose.

Projects anticipated before month end are the 4X and 12X connectors by Fujitsu and the SFP (Small Formfactor Pluggable) will be published as an information specification.

#### **12.4 IEEE 1394 [Johansson]**

In the absence of Peter Johansson no report was available.

#### **12.5 SCSI Trade Association (STA) [Jones/Aloisi]**

Paul Aloisi reported on the activities of STA and provided an electronic report that can be found in 01-155r0.

#### **12.6 IETF SCSI over IP [Black/Robinson]**

David Black reported on the activities of the IEFIT IP Storage interim meeting held Monday and Tuesday of this week and co-located with the T10 meetings. He noted that the IPS requirements document is close to being finished. He stated that iSCSI will use specified components of IPsec to provide IESG required security. Meeting schedules for IETF interim meetings were discussed.

#### **12.7 NCITS H2 (Database Languages) [Hare]**

In the absence of Mr. Hare, no report was available.

### **13. Review of Action Items**

- 409) Bill McFerrin will inform the T10 reflector that a request to close the RMC project will be made at the July T10 meeting.
- 419) John Lohmeyer will forward 01-129r0 to NCITS for processing as a project proposal for SSM-2.
- 420) John Lohmeyer will request the T11 chair to appoint a liaison to T10.

### **14. Meeting Schedule**

The next plenary meeting of T10 will be July 19, 2001 in Colorado Springs, CO at the Wyndham Colorado Springs Hotel (719-260-1800), hosted by LSI Logic. The meeting will begin at 9:00 a.m. on Thursday.

The meeting list for the next plenary week is:

July '01 Meeting Map  
(2001/05/03 Version)

Monday 7/16	9	10	11	12	1	2	3	4	5	6	7	8	9	
	+-----+													
	SAM-2 Edit /T10 Editors/ SSC-2 WG													(20)
	+-----+													
	SDV WG													(20)
	+-----+													
Tuesday 7/17	8	9	10	11	12	1	2	3	4	5	6	7	8	9
	+-----+													
	Parallel SCSI WG													(35)
	+-----+													
	MMC WG													(15)
	+-----+													
	SBP-3 WG													(20)
	+-----+													
	T11 ad hocs													(15)
	+-----+													
Wednesday 7/18	9	10	11	12	1	2	3	4	5	6	7	8	9	
	+-----+													
	SCSI Commands, Arch., & Protocol WG													(35)
	+-----+													
	MMC WG													(15)
	+-----+													
	SBP-3 WG													(20)
	+-----+													
	STA Tech   SFF SSWG/													(15)
	+-----+													
Thursday 7/19	9	10	11	12	1	2	3	4	5	6	7	8		
	+-----+													
	T10 Plenary   SRP WG (*)													(50/20)
	+-----+													
	STA Marcom   SCSI Trade Assoc													(25)
	+-----+													
(*) - Meeting begins 1 hour after T10 meeting														
Friday 7/20	8	9	10	11	12	1	2	3	4	5				
	+-----+													
	SRP WG													(15)
	+-----+													

Meetings marked with == are T10-authorized meetings.  
Meetings marked with -- are other groups and may change without notice.

Other T10-authorized meetings:

Meeting	Date	Location / Contact
SBP-3 WG	6/4-8/01	Toronto, Canada (?)
SST WG	6/6/01	Minneapolis, MN / T11
PIP WG	6/12-13/01	New Haven, CT / Amphenol
SSM WG	6/13-14/01	New Haven, CT / Amphenol
PIP WG	8/14-15/01	S. California / TI
SSM WG	8/15-16/01	S. California / TI
SBP-3 WG	8/27-29/01	Cupertino, CA
Meetings below here are tentative and have not been approved yet.		
SBP-3 WG	10/2-5/01	East coast
PIP WG	10/23-24/01	Colorado Springs, CO / LSI

SSM WG	10/24-25/01	Colorado Springs, CO /LSI
PIP WG	12/11-12/01	Guadalajara, MX / JPM
SSM WG	12/12-13/01	Guadalajara, MX / JPM

Meeting Map Abbreviation Key:

Amnd: Amendment

CAP: Commands, Architecture, and Protocols

DVD: Digital Versatile Device (not an NCITS activity)

EPI: SCSI Enhanced Parallel Interface (Technical Report)

Fast-20: Data Transfer at 20 Mega-transfers/sec. (a.k.a., Ultra)

Fast-40: Data Transfer at 40 Mega-transfers/sec. (a.k.a., Ultra2)

Fast-80: Data Transfer at 80 Mega-transfers/sec. (a.k.a., Ultra3,Ultra160)

Fast-160: Data Transfer at 160 Mega-transfers/sec. (a.k.a., Ultra320)

FC: Fibre Channel

FCIP: Fibre Channel over Internet Protocol

Harbor: A project on defining a wrapper for physical devices

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

Par.: Parallel (e.g., SPI-n, Domain Validation)

PH: Physical (Connectors, Cables, Transceivers, etc.)

PIP: (SCSI) Passive Interconnect Performance

Plenary: Full Committee Meeting

Res: Resolution

SBC-2: SCSI Block Commands - 2

SCSI: Small Computer System Interface

SDV: SCSI Domain Validation (Technical Report)

SES: SCSI Enclosure Services

SFF: SFF Industry Group (not an NCITS activity)

SG: Study Group

SMC-2: SCSI Medium Changer - 2 Commands

SPC-2: SCSI Primary Commands - 2 (2nd generation)

SPI-4: Fourth Generation SCSI Parallel Interface

SRP: SCSI RDMA Protocol (was SVP)

SSC-2: SCSI Stream Commands - 2 (includes Tape)

SSM: SCSI Signal Modeling

SST: SCSI on Scheduled Transfer (ST)

SSWGs: Specific-Subject Working Groups

STA: SCSI Trade Association (not an NCITS activity)

STA Marcom: STA Marketing Communications (not an NCITS activity)

STA Tech: STA Technical Meeting (T10 members invited)

T10: Lower Level Interfaces Technical Committee

T11: Device Level Interfaces Technical Committee

WG: Working Group (same as Ad Hoc Group)

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

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-----	-----	-----
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Other Activities	John Lohmeyer	(719) 533-7560 lohmeier@t10.org

The long-term T10 meeting week schedule is:

Date	Location	Host/Comments
Jul 16-20, 2001	Colorado Springs, CO	LSI Logic
Sep 10-14, 2001	Huntington Beach, CA	QLogic
Nov 5-9, 2001	Monterey, CA	Adaptec
Jan 14-18, 2002	Houston, TX	Compaq
Mar 11-15, 2002	Dallas, TX	T.I.
May 6-10, 2002	Nashua, TX	Hitachi Cable
Jul 15-19, 2002	Colorado Springs, CO	LSI Logic
Sep 9-13, 2002	Sacramento, CA	Adaptec
Nov 4-8, 2002	Huntington Beach, CA	QLogic
Jan 13-17, 2003		
Mar 10-14, 2003		
May 5-9, 2003		
Jul 14-18, 2003		
Sep 8-12, 2003		
Nov 3-7, 2003		

George Penokie moved that T10 accept the 2003 meeting dates shown above. John Lohmeyer seconded the motion. 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. Ad hoc groups should strive to achieve consensus prior to bringing issues to T10.

Zane Daggett moved that T10 authorize the T10-related meetings and events in the list above that had not previously been approved through the end of August 2001. Paul Aloisi seconded the motion. In the absence of any objections, the motion passed unanimously.

## **15. Adjournment**

The meeting was adjourned at 11:30 a.m. on Thursday May 3, 2001.

**Enclosure(1) -- Meeting Attendees**

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38 People Present

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

**Enclosure(2) -- T10 Attendance Database**

Generated on 2001/05/07 at 12:41:24

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T10/01-004R0	Date: 2000/11/14	Author: Rob Elliott	Mailing: 2001_1
Logical unit groups			
T10/01-004R1	Date: 2001/01/24	Author: Dan Mazina and Rob Elliott	Mailing: 2001_1
SPC-3 Logical unit groups			
T10/01-004R2	Date: 2001/05/01	Author: Dan Mazina and Rob Elliott	Mailing: Missing
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T10/01-005R0	Date: 2001/01/15	Author: Bill Ham	Mailing: 2001_1
Minutes of SDV WG - January 15, 2001			
T10/01-005R1	Date: 2001/03/05	Author: Bill Ham	Mailing: 2001_1
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T10/01-006R0	Date: 2001/01/18	Author: Weber & Lohmeyer	Mailing: 2001_1
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T10/01-008R0	Date: 2000/11/29	Author: Weber & Lohmeyer	Mailing: 2001_1
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T10/01-008R1	Date: 2001/01/30	Author: Weber & Lohmeyer	Mailing: 2001_1
Minutes of T10 Plenary Meeting #41 -- January 18, 2001			
T10/01-009R0	Date: 2000/11/29	Author: Rob Elliott	Mailing: 2001_1
Minutes of the SRP WG - November 29-30, 2000			
T10/01-010R0	Date: 2000/11/28	Author: Rob Elliott	Mailing: 2001_1
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T10/01-010R1	Date: 2000/12/03	Author: Rob Elliott	Mailing: 2001_1
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T10/01-011R0	Date: 2000/12/06	Author: Dave Peterson	Mailing: 2001_1
Agenda for SSC-2 WG - December 6, 2000			
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T10/01-013R0 Date: 2000/12/06 Author: Umesh Chandra Mailing: 2001\_1  
U320 Cable Cross Talk Analysis

T10/01-014R0 Date: 2000/12/12 Author: Bruce Manildi Mailing: 2001\_1  
Backplane Characterization Methodology

T10/01-015R0 Date: 2000/12/08 Author: Rob Elliott Mailing: 2001\_1  
Making Target Reset optional in SAM-2

T10/01-015R1 Date: 2001/02/27 Author: Rob Elliott Mailing: 2001\_2  
Making Target Reset optional in SAM-2

T10/01-015R2 Date: 2001/03/07 Author: Rob Elliott Mailing: 2001\_2  
Making Target Reset optional in SAM-2

T10/01-016R0 Date: 2000/12/07 Author: Rob Elliott & Mailing: 2001\_1  
Greg Pellegrino  
Meeting Announcement SRP WG - January 2001

T10/01-017R0 Date: 2000/12/12 Author: Bob Nixon Mailing: 2001\_1  
Minutes of Joint T10/T11.3 WG - December 6, 2000

T10/01-018R0 Date: 2000/12/15 Author: Paul Aloisi Mailing: 2001\_1  
Agenda for SSM WG - Feb 21-22, 2001

T10/01-019R0 Date: 2000/12/12 Author: Bill Ham Mailing: 2001\_1  
Minutes of PIP Working Group - December 12-13, 2000 (draft)

T10/01-019R1 Date: 2001/02/20 Author: Bill Ham Mailing: 2001\_2  
Minutes of PIP Working Group - December 12-13, 2000 (aprvd)

T10/01-020R0 Date: 2000/12/13 Author: Bill Ham Mailing: 2001\_1  
Minutes of SSM Working Group - December 13-14, 2000 (draft)

T10/01-020R1 Date: 2001/02/21 Author: Bill Ham Mailing: 2001\_2  
Minutes of SSM Working Group - December 13-14, 2000 (aprvd)

T10/01-021R0 Date: 2000/12/18 Author: Rob Basham Mailing: 2001\_1  
Switching Between Explicit and Implicit Block Address Models

T10/01-022R0 Date: 2000/12/18 Author: Rob Basham Mailing: 2001\_1  
SPACE and LOCATE Commands in the Explicit Block Address Model

T10/01-023R0 Date: 2000/12/20 Author: Rob Basham Mailing: 2001\_1  
Explicit Block Address Model State Diagram

T10/01-024R0 Date: 2001/01/04 Author: Rob Elliott Mailing: 2001\_1  
Minutes of the SRP WG - January 4-5, 2001 - Houston, TX

T10/01-025R0 Date: 2001/01/03 Author: Rob Elliott Mailing: 2001\_1  
SPC-2 FIRST BURST SIZE definition

T10/01-026R0 Date: 2001/01/12 Author: Rob Elliott Mailing: 2001\_1  
SPC-3 Access Controls LUN conflicts due to transport IDs

T10/01-026R1 Date: 2001/01/23 Author: Rob Elliott Mailing: 2001\_1  
SPC-3 Access Controls LUN conflicts due to transport IDs

T10/01-027R0 Date: 2000/12/22 Author: Robert Griswold Mailing: 2001\_1

Media Serial Number Mode Page Proposal

T10/01-027R1 Date: 2001/05/01 Author: Robert Griswold / Mailing: 2001\_3  
Emily Hill

Media Serial Number VPD Page Proposal

T10/01-028R0 Date: 2001/01/03 Author: Greg Pellegrino Mailing: 2001\_1  
and Rob Elliott

SRP InfiniBand(tm) annex

T10/01-028R1 Date: 2001/01/16 Author: Greg Pellegrino Mailing: 2001\_1  
and Rob Elliott

SRP InfiniBand(tm) annex

T10/01-028R2 Date: 2001/02/18 Author: Greg Pellegrino Mailing: 2001\_2  
and Rob Elliott

SRP InfiniBand(tm) annex

T10/01-028R3 Date: 2001/03/05 Author: Greg Pellegrino Mailing: 2001\_2  
and Rob Elliott

SRP InfiniBand(tm) annex

T10/01-028R4 Date: 2001/03/29 Author: Greg Pellegrino Mailing: 2001\_3  
and Rob Elliott

SRP InfiniBand(tm) annex

T10/01-029R0 Date: 2001/01/17 Author: Keith Parker Mailing: 2001\_1  
[SSS] SCSI Socket Services status report 2001-01-17

T10/01-030R0 Date: 2001/01/10 Author: Bob Snively Mailing: 2001\_1  
Ballot comment resolution for comments on FCP-2, revision 05

T10/01-030R1 Date: 2001/01/24 Author: Bob Snively Mailing: 2001\_1  
Ballot comment resolution for comments on FCP-2, revision 05

T10/01-030R2 Date: 2001/02/15 Author: Bob Snively Mailing: 2001\_2  
Ballot comment resolution for comments on FCP-2, revision 05

T10/01-030R3 Date: 2001/03/07 Author: Bob Snively Mailing: 2001\_2  
Ballot comment resolution for comments on FCP-2, revision 05

T10/01-031R0 Date: 2001/01/13 Author: Bill Galloway Mailing: 2001\_1  
QAS Handshake Correction

T10/01-032R0 Date: 2001/01/13 Author: Bill Galloway Mailing: 2001\_1  
Additional Flow Control Timings

T10/01-033R0 Date: 2000/12/07 Author: Terry Gibbons Mailing: 2001\_1  
SDV Technical Report - Testing Methods

T10/01-033R1 Date: 2001/02/06 Author: Terry Gibbons Mailing: 2001\_2  
SDV Technical Report - Testing Methods

T10/01-033R2 Date: 2001/03/26 Author: Terry Gibbons Mailing: 2001\_3  
SDV Technical Report - Testing Methods

T10/01-034R0 Date: 2001/01/12 Author: George Penokie Mailing: 2001\_1  
Internetwork addressing for SRP

T10/01-034R1 Date: 2001/01/16 Author: George Penokie Mailing: 2001\_2  
Transport of Initiator Identification Across Large Networks

T10/01-035R0 Date: 2001/01/12 Author: Dave Peterson Mailing: 2001\_1  
Draft Agenda of SSC-2 Working Group - January 15, 2001

T10/01-036R0 Date: 2001/01/15 Author: Dave Peterson Mailing: 2001\_1  
Minutes of SSC-2 Working Group - January 15, 2001

T10/01-037R0 Date: 2001/01/12 Author: Kate McMillan Mailing: 2001\_1  
2001 Five-Year Maintenance Review of Standards

T10/01-038R0 Date: 2001/01/12 Author: Cris Simpson Mailing: 2001\_1  
SRP Initiator Inactivity Timeout Proposal

T10/01-038R1 Date: 2001/03/06 Author: Cris Simpson Mailing: 2001\_2  
SRP Initiator Inactivity Timeout Proposal

T10/01-039R0 Date: 2001/01/15 Author: Dave Peterson Mailing: 2001\_1  
Draft Agenda of Joint T10/T11.3 WG - January 15, 2001

T10/01-040R0 Date: 2001/01/23 Author: Bob Nixon Mailing: 2001\_1  
Minutes of Joint T10/T11.3 WG - January 15, 2001

T10/01-041R0 Date: 2001/01/14 Author: Cris Simpson Mailing: 2001\_1  
Intel Patent Policy

T10/01-042R0 Date: 2001/01/14 Author: Wally Bridgewater Mailing: 2001\_1  
Effects of Precomp compared to no Precomp

T10/01-043R0 Date: 2001/01/18 Author: Rob Elliott Mailing: 2001\_1  
Minutes of SRP Working Group Meeting - January 18-19, 2001

T10/01-043R1 Date: 2001/01/29 Author: Rob Elliott Mailing: 2001\_2  
Minutes of SRP Working Group Meeting - January 18-19, 2001

T10/01-044R0 Date: 2001/01/16 Author: Dave Peterson Mailing: 2001\_1  
iSCSI protocol additions to SPC-2

T10/01-045R0 Date: 2001/01/16 Author: Bill Petty Mailing: 2001\_1  
Actual Precompensation Eye Diagrams

T10/01-046R0 Date: 2001/01/17 Author: Roger Cummings Mailing: 2001\_1  
SAN Management and SCSI Mode Pages

T10/01-046R1 Date: 2001/05/02 Author: Roger Cummings Mailing: 2001\_3  
SAN Management & Mode Pages

T10/01-047R0 Date: 2001/01/16 Author: David Black Mailing: 2001\_1  
Preliminary iSCSI Conclusions

T10/01-048R0 Date: 2001/01/17 Author: Julian Satran Mailing: 2001\_1  
SCSI ordering after exception on non interlocked transports

T10/01-049R0 Date: 2001/01/13 Author: Neil Wanamaker Mailing: 2001\_1  
Patent statement regarding FCP-2

T10/01-050R0 Date: 2001/01/18 Author: Bill McFerrin Mailing: 2001\_2  
Minutes of MMC-3 working group meeting -- January 17, 2001

T10/01-051R0 Date: 2001/01/18 Author: Paul Aloisi Mailing: 2001\_1  
STA Report - January 18, 2001

T10/01-052R0 Date: 2001/01/18 Author: Paul Aloisi Mailing: 2001\_1  
SCSI Signal Modeling Report - January 18, 2001

T10/01-053R0 Date: 2001/01/22 Author: John Lohmeyer Mailing: 2001\_1  
Agenda for T10 Meeting #42 (Mar '01)

T10/01-053R1 Date: 2001/01/24 Author: John Lohmeyer Mailing: 2001\_1  
Agenda for T10 Meeting #42 (Mar '01)

T10/01-053R2 Date: 2001/02/21 Author: John Lohmeyer Mailing: 2001\_2  
Agenda for T10 Meeting #42 (Mar '01)

T10/01-053R3 Date: 2001/02/28 Author: John Lohmeyer Mailing: 2001\_2  
Agenda for T10 Meeting #42 (Mar '01)

T10/01-054R0 Date: 2001/01/22 Author: John Lohmeyer Mailing: 2001\_1  
T10 Project Summary - Jan '01

T10/01-055R0 Date: 2001/01/22 Author: John Lohmeyer Mailing: 2001\_1  
Jeopardy Letter for Mar '01 meeting

T10/01-056R0 Date: 2001/01/19 Author: Edward A. Gardner Mailing: 2001\_1  
Connecting to an InfiniBand (tm) IO Device

T10/01-057R0 Date: 2001/01/23 Author: Eric Anderson Mailing: 2001\_2  
Proposal for Fast Start in SBP-3

T10/01-058R0 Date: 2001/01/24 Author: Bill McFerrin Mailing: 2001\_1  
Copyright release for T10/00-417 and T10/00-418

T10/01-059R0 Date: 2001/01/24 Author: William Wuertz Mailing: 2001\_2  
LSI Logic Patent Position re SCSI Domain Validation Technical Report

T10/01-060R0 Date: 2001/02/19 Author: Eric Anderson Mailing: 2001\_2  
Minutes of SBP-3 Working Group

T10/01-061R0 Date: 2001/01/29 Author: Rob Elliott Mailing: 2001\_1  
SAM-2 AER enable and disable requirement for protocols

T10/01-061R1 Date: 2001/02/01 Author: Rob Elliott Mailing: 2001\_2  
SAM-2 AER enable and disable requirement for protocols

T10/01-061R2 Date: 2001/03/07 Author: Rob Elliott Mailing: 2001\_2  
SAM-2 AER enable and disable requirement for protocols

T10/01-062R0 Date: 2001/01/30 Author: Cris Simpson Mailing: 2001\_2  
Meeting Notice - SRP WG February 20-21, 2001

T10/01-063R0 Date: 2001/02/01 Author: Dave Peterson Mailing: 2001\_2  
Agenda of Joint T10/T11.3 Working Group - Feb 7, 2001

T10/01-064R0 Date: 2001/02/09 Author: Bob Nixon Mailing: 2001\_2  
Minutes of Joint T10/T11.3 Working Group - Feb 7, 2001

T10/01-065R0 Date: 2001/02/05 Author: Rob Elliott Mailing: 2001\_2

SPC-3 VPD Page 83 Device Identifier rewrite

T10/01-065R1 Date: 2001/02/06 Author: Rob Elliott Mailing: 2001\_2  
SPC-3 VPD Page 83 Device Identifier rewrite

T10/01-065R2 Date: 2001/03/07 Author: Rob Elliott Mailing: 2001\_2  
SPC-3 VPD Page 83 Device Identifier rewrite

T10/01-066R0 Date: 2001/02/15 Author: Rob Elliott Mailing: 2001\_2  
SPI-4: SCC Subpages for SPI initiator negotiated settings

T10/01-067R0 Date: 2001/02/12 Author: Lance Flake Mailing: 2001\_2  
RBC Access For AV/C Data Interchange in SBP-3

T10/01-067R1 Date: 2001/03/23 Author: Lance Flake Mailing: 2001\_3  
RBC Access For aV/C Data Interchange in SBP-3

T10/01-068R0 Date: 2001/02/16 Author: George Penokie Mailing: 2001\_2  
Definition of Well Known Logical Units

T10/01-068R1 Date: 2001/03/01 Author: George Penokie Mailing: 2001\_2  
Definition of Well Known Logical Units

T10/01-068R2 Date: 2001/04/24 Author: George Penokie Mailing: 2001\_3  
Defination of Well Known Logical Units

T10/01-069R0 Date: 2001/01/18 Author: Steve Powers Mailing: 2001\_2  
Surprise removal of 1394 storage devices

T10/01-070R0 Date: 2001/02/19 Author: Peter Johansson Mailing: 2001\_2  
Bridge-aware targets and node handles

T10/01-071R0 Date: 2001/02/20 Author: Cris Simpson Mailing: 2001\_2  
InfiniBand (tm) Multi-Channel Connections for SRP

T10/01-072R0 Date: 2001/02/21 Author: Ralph Weber Mailing: 2001\_2  
FCP-2 6.109 Response Needs to Change

T10/01-073R0 Date: 2001/02/21 Author: Greg Pellegrino Mailing: 2001\_2  
Minutes of the SRP WG - February 20-21, 2001

T10/01-074R0 Date: 2001/02/21 Author: Bill Ham Mailing: 2001\_2  
Minutes of PIP Working Group - February 20-21, 2000 (draft)

T10/01-074R1 Date: 2001/04/04 Author: Bill Ham Mailing: 2001\_3  
Minutes of PIP Working Group - February 20-21, 2000

T10/01-075R0 Date: 2001/02/21 Author: Bill Ham Mailing: 2001\_2  
Minutes of SSM Working Group - February 21-22, 2001 (draft)

T10/01-075R1 Date: 2001/04/04 Author: Bill Ham Mailing: 2001\_3  
Minutes of SSM Working Group - February 21-22, 2001

T10/01-076R0 Date: 2001/03/13 Author: Bill Ham Mailing: 2001\_2  
Passive Interconnect Performance Round Robins

T10/01-077R0 Date: 2001/03/05 Author: Dave Peterson Mailing: 2001\_2  
Agenda for Joint T10/T11.3 WG - March 5, 2001

T10/01-078R0 Date: 2001/03/12 Author: Bob Nixon Mailing: 2001\_2  
Minutes of Joint T10/T11.3 WG - March 5, 2001

T10/01-079R0 Date: 2001/03/08 Author: Ed Gardner Mailing: 2001\_2  
SRP Target Identification

T10/01-080R0 Date: 2001/03/08 Author: Ed Gardner Mailing: 2001\_2  
SRP Initiator Identification

T10/01-081R0 Date: 2001/03/05 Author: Dave Peterson Mailing: 2001\_2  
Draft Agenda of SSC-2 Working Group - March 5, 2001

T10/01-082R0 Date: 2001/03/07 Author: Dave Peterson & Mailing: 2001\_2  
Paul Suhler  
Minutes of SSC-2 Working Group - March 5, 2001

T10/01-082R1 Date: 2001/04/05 Author: Dave Peterson & Mailing: 2001\_3  
Paul Suhler  
Minutes of SSC-2 Working Group - March 5, 2001

T10/01-083R0 Date: 2001/02/23 Author: Paul Entzel Mailing: 2001\_2  
Proposed change to Table 9 in SSC-2, revision 2

T10/01-084R0 Date: 2001/02/26 Author: George Penokie Mailing: 2001\_2  
Names, Addresses, Identifiers, Oh my!

T10/01-084R1 Date: 2001/04/20 Author: George Penokie Mailing: 2001\_3  
Names, Addresses, Identifiers, Oh my!

T10/01-085R0 Date: 2001/02/27 Author: Cris Simpson Mailing: 2001\_3  
SRP MultiChannel Proposal

T10/01-086R0 Date: 2001/03/06 Author: Keith Holt Mailing: 2001\_2  
SRP Transfer Length Proposal

T10/01-087R0 Date: 2001/02/28 Author: Gary Robinson Mailing: 2001\_2  
Proposed motion for T10 recommendation on ISO/IEC NWI for SSC

T10/01-087R1 Date: 2001/03/07 Author: Gary Robinson Mailing: 2001\_2  
Proposed motion for T10 recommendation on ISO/IEC NWI for SSC

T10/01-087R2 Date: 2001/03/22 Author: Gary Robinson Mailing: 2001\_3  
T10 Motion on ISO/IEC14776-331

T10/01-088R0 Date: 2001/03/05 Author: Bill Ham Mailing: 2001\_2  
Minutes of SDV WG - March 5, 2001

T10/01-089R0 Date: 2001/03/08 Author: Weber & Lohmeyer Mailing: 2001\_2  
Minutes of Parallel SCSI WG - March 6, 2001

T10/01-090R0 Date: 2001/03/08 Author: Weber & Lohmeyer Mailing: 2001\_2  
Minutes of SCSI CAP WG - March 7, 2001

T10/01-091R0 Date: 2001/03/08 Author: Weber & Lohmeyer Mailing: 2001\_2  
Minutes of T10 Plenary Meeting #42 -- March 8, 2001

T10/01-091R1 Date: 2001/03/19 Author: Weber & Lohmeyer Mailing: 2001\_2  
Minutes of T10 Plenary Meeting #42 -- March 8, 2001

T10/01-092R0 Date: 2001/03/09 Author: Rob Elliott Mailing: 2001\_2  
Minutes of the SRP WG - March 8-9, 2001

T10/01-092R1 Date: 2001/04/16 Author: Rob Elliott Mailing: 2001\_3  
Minutes of the SRP WG - March 8-9, 2001

T10/01-093R0 Date: 2001/03/02 Author: Ralph Weber Mailing: 2001\_2  
It's the I\_T Nexus, Stupid

T10/01-093R1 Date: 2001/03/09 Author: Ralph Weber Mailing: 2001\_2  
It's the I\_T Nexus, Stupid

T10/01-094R0 Date: 2001/03/02 Author: Wally Bridgewater Mailing: 2001\_2  
1st pulse attenuation

T10/01-095R0 Date: 2001/03/06 Author: Rob Elliott Mailing: 2001\_2  
Project Proposal for SCSI Bridge Controller Commands (BCC)

T10/01-096R0 Date: 2001/03/02 Author: Richard Moore Mailing: 2001\_2  
Corrections on Driving and Asserting SCSI signals

T10/01-096R1 Date: 2001/03/02 Author: Richard Moore Mailing: 2001\_2  
Corrections on Driving and Asserting SCSI signals

T10/01-097R0 Date: 2001/03/02 Author: Richard Moore Mailing: 2001\_2  
Packetized CRC Intervals

T10/01-098R0 Date: 2001/05/03 Author: Ron Roberts Mailing: 2001\_2  
Project Proposal for an RBC-2 Standard

T10/01-099R0 Date: 2001/03/05 Author: Rob Elliott Mailing: 2001\_2  
SPC-3 Letting persistent reservations ignore target ports

T10/01-099R1 Date: 2001/04/17 Author: Rob Elliott Mailing: 2001\_3  
SPC-3 Letting persistent reservations ignore target ports

T10/01-100R0 Date: 2001/03/07 Author: Rob Elliott Mailing: 2001\_2  
SPC-3 Letting persistent reservations ignore initiator ports

T10/01-100R1 Date: 2001/04/17 Author: Rob Elliott Mailing: 2001\_3  
SPC-3 Letting persistent reservations ignore initiator ports

T10/01-101R0 Date: 2001/03/06 Author: Eric Anderson Mailing: 2001\_3  
Minutes of SBP-3 WG - March 6-7, 2001

T10/01-102R0 Date: 2001/02/13 Author: Scott Smyers Mailing: 2001\_2  
Proposal for modifications to SBP3 and RBC

T10/01-103R0 Date: 2001/03/06 Author: Firooz Farhoomand Mailing: 2001\_2  
SBP3

T10/01-104R0 Date: 2001/03/07 Author: Ed Gardner Mailing: 2001\_2  
SRP Protocol Identifiers

T10/01-105R0 Date: 2001/03/07 Author: Roger Ronald Mailing: 2001\_2  
Minutes of T11.1 HIPPI Ad Hoc WG (includes SST in 7.0)

T10/01-106R0 Date: 2001/03/08 Author: Paul Aloisi Mailing: 2001\_2  
SCSI Signal Modeling Report - March 8, 2001



T10/01-107R0 Date: 2001/03/08 Author: Paul Aloisi Mailing: 2001\_2  
SCSITA T10 Plenary Report - March 8, 2001

T10/01-108R0 Date: 2001/03/08 Author: Rob Elliott Mailing: 2001\_2  
SRP Dropping Target Reset Support

T10/01-109R0 Date: 2001/03/08 Author: Bill McFerrin Mailing: 2001\_2  
Minutes of MMC-3 Working Group - March 6-7, 2001

T10/01-110R0 Date: 2001/03/09 Author: Peter Johansson Mailing: 2001\_2  
SBP-3 Status - March 2001

T10/01-111R0 Date: 2001/03/12 Author: Gregory Vaupotic Mailing: 2001\_2  
Reading Ansoft's Output Matrices

T10/01-112R0 Date: 2001/03/12 Author: John Lohmeyer Mailing: 2001\_2  
Letter Ballot on forwarding MMC-3 to first public review

T10/01-113R0 Date: 2001/03/12 Author: John Lohmeyer Mailing: 2001\_3  
Results of letter ballot 01-112r0 on forwarding MMC-3 to 1PR

T10/01-114R0 Date: 2001/03/13 Author: John Lohmeyer Mailing: 2001\_2  
Agenda for T10 Meeting #43 (May '01)

T10/01-114R1 Date: 2001/03/20 Author: John Lohmeyer Mailing: 2001\_2  
Agenda for T10 Meeting #43 (May '01)

T10/01-114R2 Date: 2001/03/20 Author: John Lohmeyer Mailing: 2001\_3  
Agenda for T10 Meeting #43 (May '01)

T10/01-115R0 Date: 2001/03/12 Author: John Lohmeyer Mailing: 2001\_2  
T10 Project Summary - Mar '01

T10/01-116R0 Date: 2001/03/12 Author: John Lohmeyer Mailing: 2001\_2  
Jeopardy Letter for May '01 meeting

T10/01-117R0 Date: 2001/03/27 Author: Bill Ham Mailing: 2001\_3  
Minutes of SDV Working Group - March 26-27, 2001

T10/01-118R0 Date: 2001/03/30 Author: gary s robinson Mailing: 2001\_3  
T10 Motion on ISO/IEC 14776-326

T10/01-119R0 Date: 2001/03/30 Author: gary s robinson Mailing: 2001\_3  
T10 Motion on ISO/IEC 14776-362

T10/01-120R0 Date: 2001/03/30 Author: Bruce Manildi Mailing: 2001\_3  
Cable/Backplane Characterization Proposal

T10/01-121R0 Date: 2000/12/15 Author: ISO/IEC JTC-1 SC Mailing: 2001\_3  
25/WG 4 /  
Project Editor  
Resolution of comments and explanatory report on CD

T10/01-122R0 Date: 2001/03/30 Author: John Lohmeyer Mailing: 2001\_3  
Letter Ballot on recommending approval of FDIS SPI-2)

T10/01-123R0 Date: 2001/03/30 Author: John Lohmeyer Mailing: 2001\_3  
Results of Letter Ballot 01-122r0 on rec. approval of FDIS 14776-112 (SPI-2)

T10/01-124R0 Date: 2001/04/02 Author: Sriram Srinivasan, Brian Day Mailing: 2001\_3  
Clarification on Using Streaming Transfers

T10/01-125R0 Date: 2001/04/02 Author: Sriram Srinivasan, Brian Day Mailing: 2001\_3  
Exception Handling and Streaming Transfers

T10/01-126R0 Date: 2001/04/04 Author: Bill Ham, Paul Aloisi Mailing: 2001\_3  
Minutes: Draft minutes SSM working group April 04,05, 2001

T10/01-127R0 Date: 2001/04/04 Author: Bill Ham, Zane Daggett Mailing: 2001\_3  
Minutes: Draft minutes PIP working group April 03,04, 2001

T10/01-128R0 Date: 2001/03/28 Author: Rob Elliott Mailing: 2001\_3  
SPI-4 reset cleanup

T10/01-128R1 Date: 2001/04/09 Author: Rob Elliott Mailing: 2001\_3  
SPI-4 reset cleanup

T10/01-128R2 Date: 2001/05/01 Author: Rob Elliott Mailing: 2001\_3  
SPI-4 reset cleanup

T10/01-129R0 Date: 2001/04/06 Author: Paul Aloisi Mailing: 2001\_3  
Project Proposal for SCSI Signal Modeling - 2 Standard (SSM-2)

T10/01-130R0 Date: 2001/04/06 Author: Greg Vaupotic Mailing: 2001\_3  
A Periodic Structure, Measured Impedance vs. Sample Length

T10/01-131R0 Date: 2001/04/13 Author: Rob Elliott Mailing: 2001\_3  
SPI-4 negotiation message rewrite

T10/01-131R1 Date: 2001/05/01 Author: Rob Elliott Mailing: Missing  
SPI-4 negotiation message rewrite

T10/01-132R0 Date: 2001/04/16 Author: Umesh Chandra, Bruce Manildi Mailing: 2001\_3  
Proposed Procedure - Backplane Round Robin

T10/01-132R1 Date: 2001/04/24 Author: Umesh Chandra Mailing: 2001\_3  
Backplane Round Robin 1 Test Plan SCSI PIP

T10/01-133R0 Date: 2001/04/16 Author: LSI Logic, Alan Littlewood Mailing: 2001\_3  
Test Board Documentation - Backplane Round Robin

T10/01-134R0 Date: 2001/04/16 Author: Rob Elliott Mailing: 2001\_3  
SAM-2, SPI-4, SBC-2 WAKEUP and reset cleanup

T10/01-135R0 Date: 2001/04/19 Author: Bruce Manildi Mailing: 2001\_3  
Minutes - PIP Backplane Round Robin Teleconference

T10/01-136R0 Date: 2001/04/20 Author: Bruce Manildi Mailing: 2001\_3  
25% Precomp Cutback Level Proposal

T10/01-137R0 Date: 2001/04/23 Author: Peter Johansson Mailing: 2001\_3  
Stream command block ORB

T10/01-138R0 Date: 2001/04/24 Author: Peter Johansson Mailing: 2001\_3  
Bi-directional ORBs: Two approaches

T10/01-139R0 Date: 2001/04/26 Author: Eric Anderson Mailing: Missing  
Minutes of SBP-3 Working Group

T10/01-140R0 Date: 2001/04/26 Author: David Peterson Mailing: 2001\_3  
SSC-2 Working Group Agenda (April 30, 2001)

T10/01-141R0 Date: 2001/04/27 Author: Weber & Lohmeyer Mailing: 2001\_3  
Minutes of Parallel SCSI WG - May 1, 2001

T10/01-142R0 Date: 2001/05/03 Author: Weber & Lohmeyer Mailing: 2001\_3  
Minutes of SCSI CAP WG - May 2, 2001

T10/01-143R0 Date: 2001/04/27 Author: Weber & Lohmeyer Mailing: Missing  
Minutes of T10 Plenary Meeting #43 -- May 3, 2001

T10/01-144R0 Date: 2001/07/19 Author: John Lohmeyer Mailing: 2001\_3  
Project Proposal for SCSI Parallel Interface - 5 SPI-5)

T10/01-145R0 Date: 2001/07/19 Author: John Lohmeyer Mailing: 2001\_3  
Project Proposal for SCSI Parallel Interface - 6 SPI-6)

T10/01-146R0 Date: 2001/04/29 Author: David Peterson Mailing: 2001\_3  
SSC-2 State Change Diagram

T10/01-147R0 Date: 2001/05/01 Author: George Penokie Mailing: 2001\_3  
SPI L\_Q error handling

T10/01-148R0 Date: 2001/05/01 Author: Ralph O. Weber Mailing: 2001\_3  
Results from 30 April SAM-2 Editing Meeting (PDF Annotations Import)

T10/01-148R0 Date: 2001/05/01 Author: Ralph O. Weber Mailing: 2001\_3  
Summary of results from 30 April SAM-2 Editing Meeting

T10/01-149R0 Date: 2001/05/01 Author: Bill Ham Mailing: 2001\_3  
SDV working group recommendations for changes to SPI-4

T10/01-150R0 Date: 2001/05/01 Author: Rob Elliott Mailing: Missing  
Minutes of the SRP WG - May 3-4, 2001

T10/01-151R0 Date: 2001/05/02 Author: Rob Elliott Mailing: 2001\_3  
BCC project proposal issues

T10/01-152R0 Date: 2001/05/02 Author: Gary Robinson Mailing: 2001\_3  
ISO/IEC status report - May 2001

T10/01-153R0 Date: 2001/05/03 Author: Dave Peterson Mailing: 2001\_3  
SSC-2 Project Status Report - May 3, 2001

T10/01-154R0 Date: 2001/05/03 Author: Paul Aloisi Mailing: 2001\_3  
SSM Report - May 2001

T10/01-155R0 Date: 2001/05/03 Author: Paul Aloisi Mailing: 2001\_3

SCSITA T10 Plenary Report - May 2001

T10/01-156R0 Date: 2001/05/03 Author: John Lohmeyer Mailing: Missing  
Agenda for T10 Meeting #44 (July '01)

T10/01-157R0 Date: 2001/05/03 Author: John Lohmeyer Mailing: Missing  
T10 Project Summary - May '01

T10/01-158R0 Date: 2001/05/03 Author: John Lohmeyer Mailing: Missing  
Jeopardy Letter for July '01 meeting

T10/01-163R0 Date: 2001/05/02 Author: Marjorie Krueger Mailing: 2001\_3  
SCSI Device Management (SCSI MIB)

T10/01-164R0 Date: 2001/05/03 Author: Bill Galloway Mailing: 2001\_3  
Reduce SRP\_CMD IU types to one

T10/01-165R0 Date: 2001/05/02 Author: Bill McFerrin Mailing: Missing  
Minutes of MMC Working Group - May 1-2, 2001

T10/01-166R0 Date: 2001/05/02 Author: Bill McFerrin Mailing: Missing  
Project Proposal for MMC-4

T10/01-167R0 Date: 2001/05/02 Author: Bill McFerrin Mailing: Missing  
Response to MMC-3 Letter Ballot Comments

T10/01-168R0 Date: 2001/05/03 Author: David Peterson Mailing: 2001\_3  
Minutes of SSC-2 Working Group (April 30, 2001)