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10.3.8 QAS signal correction (00-402r0) [Galloway]
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10.4 Actions on November CAP Working Group Recommendations
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11. ISO/IEC
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12. Liaison Reports
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   12.2 T13 Liaison Report [Milligan]
   12.3 SFF Industry Group [Allan]
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   12.6 SCSI Trade Association (STA) [Jones/Aloisi]
   12.7 IETF SCSI over IP [Gardner/Robinson]

13. Review of Action Items
14. Meeting Schedule
   14.1 Authorization of Working Group Meetings
15. Adjournment

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Results of Meeting

1. Opening Remarks

John Lohmeyer, the T10 Chair, called the meeting to order at 9:00 a.m., Thursday November 2, 2000. He thanked Larry Lamers of Adaptec 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:

10.3 Actions on October SPI-4 Working Group Recommendations
10.3.1 Proposal to replace the TBDs for Fast 160 in SPI-4 and to winnow options (00-389r1) [Milligan]
10.3.2 Attention setup correction (00-401r0) [Galloway]
10.3.3 QAS without IU in SPI-4 (00-252r3) [Elliott]
10.3.4 Bidirectional data transfers in SPI-4 (00-314r2) [Elliott]
10.3.5 PPR/MESSAGE REJECT implied agreement (00-337r1) [Elliott]
10.3.6 Reporting Training Values (00-392r1) [Elliott]
10.3.7 Reporting Currently Negotiated Settings (00-397r1) [Elliott]
10.3.8 QAS signal correction (00-402r0) [Galloway]
10.3.9 Proposed content for SPI-4 rev 1 (00-378r0) [Penokie]

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10.4.1 ASCQ references in section 5.4 (00-340r1) [Elliott]
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10.4.6 Increased defect list lengths for SBC-2 (00-395r0) [Elliott]
10.4.7 Mode Page Equivalent of ECP (00-396r2) [Elliott]
10.4.8 EXTENDED COPY: IPv4 target descriptor (00-398r1) [Peterson]
10.4.9 64-bit Tags in SVP (00-354r2) [Gardner]

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 Observer. 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), which includes the ANSI International Program Fee.


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 14 people from 7 organizations informing them that their membership was in jeopardy due to non-attendance (see 00-029r0) and that their membership would be terminated if they did not attend this meeting. Subsequent to distributing the jeopardy letters, the NCITS Secretariat clarified their interpretation of the jeopardy rules with regard to new organizations. Consequently, John reported that Nishan Systems is not in jeopardy as had been previously indicated. The following organizations were in attendance jeopardy:

- Dell Computer
- General Dynamics
- Honda Connectors
- Iomega Corp.
- Panasonic Technologies, Inc.
- The JPM Co.
All of these organizations were present except:

The JPM Co.

The organizations in attendance jeopardy that failed to attend were terminated (i.e., the principal member was changed to observer status and the first alternate member, if any, was dropped; additional alternates, if any, were changed to observers).

At the October 18th NCITS meeting, NCITS directed the T10 chair to only allow one vote for AMP-Madison-Tyco unless they can prove that they are separate organizations. The committee discussed the decision. John noted that the organizations had decided that Chuck Brill would be the principal member and that the Madison representatives would become additional alternate members.

The following organizations requested new (or reinstated) membership:

Amphenol Interconnect
Congruent Software

The T10 membership during the meeting was 41 organizations unchanged from 41 organizations following the last meeting. Enclosure (1) is the list of the people present at the meeting and enclosure (2) is the current T10 membership list.

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

Cisco Systems

T10 membership following the meeting was 42 members.

4. Approval of Minutes - September ‘00 Meeting - Huntington Beach, CA (T10/00-308r1)

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) (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 November 9, 2000. 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.

The electronic copies can be sent directly to John by email (at lohmeyer@t10.org), or they can be transferred by ftp protocol to ftp.t10.org and placed in the /incoming directory. In the latter case, please also send email to John informing him of the file name and location of the file.

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 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/

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. Section 1.2.11 contains the ANSI patent policy. Amy Marasco manages patent issues for ANSI and can be contacted at amarasco@ansi.org or 212-642-4954. Gene Milligan has 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 that Gary Robinson had sent to John. 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. There were no responses to the call for patents.

7. Review of Old Action Items

399) Gene Milligan will create the T10 style guide document and MSword templates. **Carryover**
400) John Lohmeyer will notify NCITS that T10 has requested that NCITS not automatically adopt international standards in our subject area as American National Standards. **Complete**

8. Project Status Reports

8.1 Project Status Summary and NCITS Liaison [Lohmeyer]

John Lohmeyer gave an oral report on his meetings at NCITS and provided an electronic version in 00-394r0.

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]

Dave Peterson reported on the activities of the Joint T10/T11.3 working group (minutes in 00-411). The resolution of FCP-2 Letter Ballot comments and the final resolution document 00-300r3 will be prepared in time for the next mailing.
Bob Snively moved that T10 approve 00-300r3 as resolving the letter ballot comments on the first FCP-2 letter ballot and recommend a T10 letter ballot on forwarding FCP-2 revision 5. Erich Oetting seconded the motion. The motion passed on a vote of 27:0:1:13=41.

Bob Snively took an action item to prepare FCP-2 revision 5 for letter ballot review. John Lohmeyer took an action item to conduct a letter ballot on forwarding FCP-2 revision 5.

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

Ralph Weber reported that SAM-2 revision 14 was distributed in the last mailing and included all approved changes up to that time. Assuming that changes are approved for SAM-2 by this meeting, revision 15 will be prepared in time for the next mailing.

8.4 SCSI Enclosure Services Amendment #1 (SES AM1) {Project 1212-M} [Elliott]

John Lohmeyer reported that the public review of SES AM1 closed on October 8th with no comments received and that the amendment had passed NCITS management review two weeks earlier.

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

Ralph Weber reported that an SPC-2 letter ballot resolution meeting will be held following this meeting (Secretary's note: document 00-407 summarizes the results of the meeting). Resolutions have been proposed for about two-thirds of the comments. The latest revision of the comments resolutions document is 00-267r3, and a new revision will be available for the next mailing.

8.6 SCSI Parallel Interface - 3 (SPI-3) {Project 1302-D} [Penokie]

John Lohmeyer reported that SPI-3 had passed the NCITS management review and should be forwarded to ANSI's Board of Standards Review for approval in November.

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

Bill McFerrin reported on the activities of the MMC-3 working group (minutes in 00-416). He noted that two command set proposals have been addressed to the working group (see 00-417 and 00-418).

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

Bill McFerrin reported that RMC development is dormant at this time so that work on MMC-3 can proceed.

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

George Penokie reported on the activities of the SPI-4 working group (minutes in 00-373).

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

Ron Roberts reported on the activities of the SDV working group (minutes in 00-376). He noted that SDV revision 3a has been posted on the T10 web site and will be included in the next committee mailing. He noted that SDV work will continue at a working group meeting to be held in conjunction with the T10 week in January 2001.

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

In the absence of Don Woelz, Ralph Weber reported that an editing meeting was held on Monday of this meeting week. Substantial issues were raised during the editing meeting and more work is required to get SST ready for a letter ballot.
8.12 SCSI Medium Changer Commands - 2 (SMC-2) {Project 1383-D} [Oetting]

Erich Oetting reported that no progress has been made on SMC-2 since the last meeting. He noted that he is still working on enhancements for media changers that support multiple types of media.

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

Paul Aloisi reported on the activities of the SSM working group meeting (minutes in 00-380).

8.14 SCSI VI Protocol (SVP) {Project 1415-D} [Gardner]

Ed Gardner reported on the SVP activities at the CAP working group (minutes in 00-374).

Ed Gardner moved that the SVP technical editor be directed to incorporate a communication model description and related terminology changes as outlined in 00-390r0 into the next revision of SVP. Ralph Weber seconded the motion. The motion passed on a vote of 25:0:0:16=41.

Ed Gardner moved that the name of T10 project 1415-D be changed to “SCSI RDMA Protocol (SRP)”. Mark Evans seconded the motion. Peter Johansson was concerned that several protocols could be characterized as RDMA, but accepted the proposed name as no better one could be identified. The motion passed on a vote of 26:0:1:14=41.

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

Ralph Weber reported that progress on SPC-3 has been delayed by at least four months as a result of the difficulties encountered in resolving comments from the SPC-2 letter ballot. If no further schedule slips are encountered, SPC-3 will go to letter ballot in September 2002.

8.16 SCSI Block Commands - 2 (SBC-2) {Project 1417-D} [Milligan]

There was no report because Gene Milligan was not present.

8.17 Object-based Storage Devices Commands (OSD) {Project 1355-D} [Milligan]

There was no report because Gene Milligan was not present.

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

Dave Peterson reported on the activities of the SSC-2 working group (minutes in 00-412).

8.19 SCSI Passive Interconnect Performance (PIP) Technical Report (PIP) {Project 1439-DT} [Ham]

Bill Ham reported on the activities PIP working group (minutes in 00-379).

9. Old Business

No old business was scheduled for committee action.
10. New Business

10.1 Project Proposal for Serial Bus Protocol -3 (SBP-3) (00-388) [Johansson]

Peter Johansson reviewed the proposed new work items in the Serial Bus Protocol -3 (SBP-3) project proposal (00-388r0).

Peter Johansson moved that T10 forward 00-388r0 to NCITS as a project proposal for Serial Bus Protocol -3 (SBP-3). Ed Gardner seconded the motion. The motion passed on a vote of 31:0:0:10=41.

John Lohmeyer took an action item to forward 00-388r0 to NCITS for processing as a project proposal for SBP-3.

10.2 Proper Identification of proposals [Milligan]

John Lohmeyer reported that the issue that resulted in this agenda item has been resolved.

10.3 Actions on October SPI-4 Working Group Recommendations

10.3.1 Proposal to replace the TBDs for Fast 160 in SPI-4 and to winnow options (00-389r1) [Milligan]

John Lohmeyer moved that 00-389r1 (r0 as modified) be approved for inclusion in SPI-4. Ron Roberts seconded the motion.

Paul Aloisi noted that the proposal is not fully coordinated with the system loss information being worked in the PIP group. Bill Ham stated that the proposal may not be complete but it's not wrong. Bill stated that some cable length might be lost as a result of the assumptions in the proposal. Paul expressed concerns about backplanes.

The motion passed on a vote of 25:1:5:10=41.

10.3.2 Attention setup correction (00-401r0) [Galloway]

George Penokie reviewed the contents of documents 00-401r0, 00-252r3, 00-337r1, 00-392r1, 00-397r1, and 00-402r0. Bill Galloway moved that 00-401r0, 00-252r3 (r2 as modified), 00-337r1, 00-392r1, 00-397r1, and 00-402r0 be approved for inclusion in SPI-4. Paul Aloisi seconded the motion. The motion passed on a vote of 28:0:1:12=41.

10.3.3 QAS without IU in SPI-4 (00-252r3) [Elliott]

This item was covered by a motion made under item 10.3.2

10.3.4 Bidirectional data transfers in SPI-4 (00-314r2) [Elliott]

Rob Elliott described a change in the proposal requiring a bus free transition between data in and data out transfers. Concerns were raised about slowing the bus down in non-packetized mode.

Rob Elliott moved that 00-314r3 (r2 as modified) be approved for inclusion in SPI-4. Gerry Houlder seconded the motion. The motion passed on a vote of 28:0:1:12=41.

10.3.5 PPR/MESSAGE REJECT implied agreement (00-337r1) [Elliott]

This item was covered by a motion made under item 10.3.2
10.3.6 Reporting Training Values (00-392r1) [Elliott]

This item was covered by a motion made under item 10.3.2

10.3.7 Reporting Currently Negotiated Settings (00-397r1) [Elliott]

This item was covered by a motion made under item 10.3.2

10.3.8 QAS signal correction (00-402r0) [Galloway]

This item was covered by a motion made under item 10.3.2

10.3.9 Proposed content for SPI-4 rev 1 (00-378r0) [Penokie]

Mark Evans moved that 00-378r0 be accepted as SPI-4 revision 1. Bill Galloway seconded the motion. John Lohmeyer noted that some technical changes would be adopted without the benefit of separate proposals if the motion is approved. George stated that he felt that no controversial issues were included in 00-378r0. Ed Gardner expressed the belief that document content will not be affected seriously by accepting 00-378r0. Bill Galloway noted that there are a small number of relatively minor technical changes that appear only in 00-378r0 and have not been approved in other proposals. The motion passed on a vote of 17:2:9:15=41.

10.4 Actions on November CAP Working Group Recommendations

10.4.1 ASCQ references in section 5.4 (00-340r1) [Elliott]

Rob Elliott moved that 00-340r1 be approved for inclusion in SAM-2. Bill Galloway seconded the motion. In the absence of any objections, the motion was approved unanimously.

10.4.2 Command Reference Number in SAM-2 (00-345r1) [Peterson]

Bob Snively moved that 00-345r1 be approved for inclusion in SAM-2. Gerry Houlder seconded the motion. Ed Gardner spoke against the motion stating that the architecture could not reasonably define the size of a command reference number. The motion passed on a vote of 24:4:0:13=41.

10.4.3 Bidirectional XDWRITEREAD command for SBC-2 (00-315r1) [Elliott]

George Penokie reviewed the content of 00-315r1 and 00-395r0. Rob Elliott moved that 00-315r1 and 00-395r0 be approved for inclusion in SBC-2. Bill Galloway seconded the motion. The motion passed on a vote of 23:1:2:15=41.

10.4.4 Mandating READ(16) and WRITE(16) in SBC-2 [Gardner]

Ed Gardner moved that READ(16) and WRITE(16) be made mandatory for the direct-access device type in SBC-2. Mark Evans seconded the motion. The motion passed on a vote of 20:4:3:14=41.

10.4.5 Three minor modifications to Access Controls in SPC-3 (00-381r0) [Hafner]

Ralph Weber moved that 00-381r0 be approved for inclusion in SPC-3. Gerry Houlder seconded the motion. In the absence of any objections, the motion was approved unanimously.

10.4.6 Increased defect list lengths for SBC-2 (00-395r0) [Elliott]

This item was addressed by the motion made under item 10.4.3
10.4.7 Mode Page Equivalent of ECP (00-396r2) [Elliott]

Rob Elliott moved that 00-396r2 (r1 as modified) be approved for inclusion in SPI-4 and SPC-3. Bill Galloway seconded the motion. In the absence of any objections, the motion was approved unanimously.

10.4.8 EXTENDED COPY: IPv4 target descriptor (00-398r1) [Peterson]

As Dave Peterson presented a proposal with revisions not presented to the working group (00-398r2), including the addition of a protocol identifier code value. Calls were made to remand the proposal to the working group for further review. Ralph Weber moved that the target descriptor type code described in 00-398r2 be identified for use with an IPv4 or IPv6 identifier as a target identifier. Bob Snively seconded the motion. It became clear that the motion was satisfying no one and Ralph withdrew it.

Bob Snively moved that 00-398r2 be approved for inclusion in SPC-2. Erich Oetting seconded the motion. John noted that because SPC-2 is a stabilized (in letter ballot) document a two-thirds vote is required. The motion failed on a vote of 4:7:18:12=41.

Bob Snively moved that 00-398r2 be approved for inclusion in SPC-3. Erich Oetting seconded the motion. The motion passed on a vote of 11:0:17:13=41.

10.4.9 64-bit Tags in SVP (00-354r2) [Gardner]

Ed Gardner moved that 00-354r2 (r1 as modified) be approved for inclusion in SVP (now SRP). Mark Evans seconded the motion. In the absence of any objections, the motion was approved unanimously.

11. ISO/IEC

11.1 ISO/IEC Report [Milligan]

Gene Milligan provided an electronic report that is available in 00-415r0.

11.2 ISO/IEC Business [Milligan]

John Lohmeyer moved, and Peter Johansson seconded, to approve the NWIP SC: 25 N 663 for an ISO/IEC FCD 14776-326: IT - Small Computer System Interface - Part 326: SCSI Reduced Block Commands, with the following answers to the six questions:

Q.1 Do you accept the proposal in document 25 N 663 as a sufficient definition of the new work item?  
   Yes.

Q.2 Do you support the addition of the new work item to the programme of work of the joint technical committee?  
   Yes.

Q.3 Do you commit yourself to participate in the development of this new work item?  
   Yes.

Q.4 Are you able to offer a project editor who will dedicate his/her efforts to the advancement and maintenance of this project?  
   Yes (If "YES," please identify) Gene Milligan

Q.5 Do you have a major contribution or a reference document ready for submittal?  
   Yes.

Q.6 Will you have such a contribution in ninety days?  
   Yes.

The motion passed on a vote of 29:1:0:11=41 details of the roll call vote were as follows:
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<th>Stat Name</th>
<th>Yes</th>
<th>No</th>
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<td>Dell Computer Corp.</td>
<td>Mr. Ronald Stockford</td>
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<td>EMC</td>
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<td>ENDL Texas</td>
<td>Mr. Ralph O. Weber</td>
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<td>Genroco, Inc.</td>
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<tr>
<td>Honda Connectors</td>
<td>Mr. Thomas J. Kulesza</td>
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<tr>
<td>IBM / Tivoli Systems</td>
<td>Mr. George O. Penckie</td>
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<tr>
<td>Iomega Corp.</td>
<td>Mr. Tim Bradshaw</td>
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<td>KnowledgeTek, Inc.</td>
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<td>LSI Logic Corp.</td>
<td>Mr. John Lohmeyer</td>
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<td>Maxtor Corp.</td>
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<tr>
<td>Ophidian Designs</td>
<td>Mr. Edward A. Gardner</td>
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<tr>
<td>Panasonic Technologies, Inc</td>
<td>Dr. Terence Nelson</td>
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<tr>
<td>Philips Electronics/CD Edge</td>
<td>Mr. William P. McFerrin</td>
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<td>QLogic Corp.</td>
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<tr>
<td>Quantum Corp.</td>
<td>Mr. Mark Evans</td>
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<tr>
<td>Seagate Technology</td>
<td>Mr. Gerald Houlder</td>
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<td>Storage Technology Corp.</td>
<td>Mr. Erich Oetting</td>
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<td>Sun Microsystems, Inc.</td>
<td>Mr. Kenneth Moe</td>
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<tr>
<td>Texas Instruments</td>
<td>Mr. Paul D. Aloisi</td>
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<tr>
<td>Toshiba America Elec. Comp.</td>
<td>Mr. Tasuku Kasebayashi</td>
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<td>AMP / Tyco Electronics</td>
<td>Mr. Charles Brill</td>
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<td>Woven Electronics</td>
<td>Mr. Doug Piper</td>
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</table>

29 1 0 11 = 41

Note: IV means individual vote.

John Lohmeyer moved, and Peter Johansson seconded, to endorse the recommendations made by Dr. Pritchard at the SC 25/WG 4 meeting as reflected in the minutes of the WG 4 meeting SC 25 N 644 and to answer the questions for the five year reviews as follows:

a) IEC 559:1989, Binary floating-point arithmetic for microprocessor systems
   Question 1: (Answer yes to one of three options.)
   Are you in favour of
   1) Confirmation of the International Standard for a further period of five years? No
   3) Withdrawal of the International Standard? If YES, please give reasons. No
Question 2:
If the voting results show a need to revise the standard, are you prepared to participate in the development of the project? Yes

Question 3:
Has this ISO standard been implemented as a national standard or is it use per se by your national industry? Yes

Question 4:
If the response to question 3 is affirmative, is the standard implemented or used without change? In case of modifications, please identify the changes on a separate sheet. Yes

Question 5 (optional):
Please indicate the number of the corresponding national standard: IEEE 754

b) IEC 796-1:1990, Microprocessor system bus -- 8-bit and 16-bit data (MULTIBUS I) -- Part 1: Functional description with electrical and timing specifications

Question 1: (Answer yes to one of three options.)
Are you in favour of
1) Confirmation of the International Standard for a further period of five years? No
2) Revision of the International Standard? If YES, please give reasons. No

Question 2:
If the voting results show a need to revise the standard, are you prepared to participate in the development of the project? No

Question 3:
Has this ISO standard been implemented as a national standard or is it use per se by your national industry? Yes

Question 4:
If the response to question 3 is affirmative, is the standard implemented or used without change? In case of modifications, please identify the changes on a separate sheet. Yes

Question 5 (optional):
Please indicate the number of the corresponding national standard: IEEE 796 but being withdrawn

c) IEC 796-2:1990, Microprocessor system bus -- 8-bit and 16-bit data (MULTIBUS I) -- Part 2: Mechanical and pin descriptions for the system bus configuration, with edge connectors (direct)

Question 1: (Answer yes to one of three options.)
Are you in favour of
1) Confirmation of the International Standard for a further period of five years? No
2) Revision of the International Standard? If YES, please give reasons. No

Question 2:
If the voting results show a need to revise the standard, are you prepared to participate in the development of the project? No

Question 3:
Has this ISO standard been implemented as a national standard or is it use per se by your national industry? Yes
Question 4:
If the response to question 3 is affirmative, is the standard implemented or used without change? In case of modifications, please identify the changes on a separate sheet.

Yes

Question 5 (optional):
Please indicate the number of the corresponding national standard:
IEEE 796 but being withdrawn

d) IEC 796-3:1990, Microprocessor system BUS I, 8-bit and 16-bit data (MULTIBUS I) -- Part 3: Mechanical and pin descriptions for the Eurocard configuration with pin and socket (indirect) connectors

Question 1: (Answer yes to one of three options.)
Are you in favour of
1) Confirmation of the International Standard for a further period of five years? No
2) Revision of the International Standard? If YES, please give reasons. No

Question 2:
If the voting results show a need to revise the standard, are you prepared to participate in the development of the project? No

Question 3:
Has this ISO standard been implemented as a national standard or is it use per se by your national industry? Yes

Question 4:
If the response to question 3 is affirmative, is the standard implemented or used without change? In case of modifications, please identify the changes on a separate sheet.

Yes

Question 5 (optional):
Please indicate the number of the corresponding national standard:
IEEE 796 but being withdrawn

e) ISO/IEC 14536:1995, Information technology -- Microprocessor systems -- Futurebus+TM, Profile M (military)

Question 1: (Answer yes to one of three options.)
Are you in favour of
1) Confirmation of the International Standard for a further period of five years? No
2) Revision of the International Standard? If YES, please give reasons. No

Question 2:
If the voting results show a need to revise the standard, are you prepared to participate in the development of the project? No

Question 3:
Has this ISO standard been implemented as a national standard or is it use per se by your national industry? Yes

Question 4:
If the response to question 3 is affirmative, is the standard implemented or used without change? In case of modifications, please identify the changes on a separate sheet.

Yes

Question 5 (optional):
Please indicate the number of the corresponding national standard:
IEEE 896.5 but being withdrawn

The motion passed on a vote of 30:0:0:11=41 details of the roll call vote were as follows:
12. Liaison Reports

12.1 T11 Liaison Report [Wanamaker]

Neil Wanamaker reported on the activities of the T11 committee and provided an electronic report that can be found in 00-419r0.

12.2 T13 Liaison Report [Milligan]

In the absence of Gene Milligan, no report was available.
12.3 SFF Industry Group [Allan]

Subsequent to the meeting, Dal Allan provided the following report:

Bill Ham described the need to describe SPI signaling in a similar manner to Fibre Channel, by specifying values for the transceiver, connector and cable. He also provided the results that can be achieved by swept frequency tests to illustrate cable glitches.

Chuck Brill did not submit the draft of HSSDC-2 as planned, but it should be available in January.

Jay Neer recommended a new project SFF-8416 be formed to specify the cable requirements for high speed applications.

Judith Lim explained that the SFF website is not yet online because of problems with service provider PacBell, but plans to bring the server in house should resolve the situation.

12.4 IEEE 1394 [Johansson]

Peter Johansson gave an oral report and provided the following electronic report for the minutes:

Since the last liaison report in Huntington Beach, CA no significant events have occurred.

Current project status is summarized below:

IEEE P1394b BRC continues to meet to resolve comments. Recirculation ballot planned for first quarter, 2001.


IEEE P1394.3 Ballot closed Tuesday, October 31. Ballot response committee in formation. No BRC schedule available yet.

12.5 IEEE P1285 Status

John Lohmeyer reported that Martin Freeman requested the T10 chair’s mailing address for a coordination document. He provided it and requested an electronic version of the document, but had received no response from Martin. Peter Johansson reported that a request for an extension of the completion date to March 2001 is expected to be approved.

12.6 SCSI Trade Association (STA) [Jones/Aloisi]

Paul Aloisi reported on the activities of STA and provided an electronic report that can be found in 00-421.

12.7 IETF SCSI over IP [Gardner/Robinson]

John Lohmeyer reported on the iSCSI motion made as New Business at the CAP working group (minutes in 00-374). Ed Gardner asked to be relieved of liaison duties. In the absence of Gary Robinson, no other report was available.
13. Review of Action Items

399) Gene Milligan will create the T10 style guide document and MSword templates.
401) Bob Snively will prepare FCP-2 revision 5 for letter ballot review.
402) John Lohmeyer will conduct a letter ballot on FCP-2 revision 5.
403) John Lohmeyer will forward 00-388r0 to NCITS for processing as a project proposal for SBP-3.
404) John Lohmeyer will communicate the results of the ISO/IEC motions to Gene Milligan and Barbara Bennett.

14. Meeting Schedule

The next plenary meeting of T10 will be January 18, 2001 in Lake Buena Vista, FL at the Grosvenor Resort (407-828-4444), hosted by Adaptec. The meeting will begin at 9:00 a.m. on Thursday.

The meeting list for the next plenary week is:
January '01 Meeting Map
(11/02/00 Version)

<table>
<thead>
<tr>
<th>Day</th>
<th>Time Frame</th>
<th>Meeting Description</th>
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</thead>
<tbody>
<tr>
<td>Monday 1/15</td>
<td>9 - 11/12</td>
<td>SSCC-2 WG / Joint T10/T11.3 WG (20)</td>
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<tr>
<td></td>
<td>1 - 2/3</td>
<td>SDV WG (20)</td>
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<td>4/5/6/7/8/9</td>
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<tr>
<td>Tuesday 1/16</td>
<td>8 - 9/12</td>
<td>Parallel SCSI WG (35)</td>
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<td>1 - 2/3</td>
<td>MMC WG (15)</td>
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<tr>
<td></td>
<td>4/5/6/7/8/9</td>
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</tr>
<tr>
<td>Wednesday 1/17</td>
<td>9 - 11/12</td>
<td>SCSI Commands, Arch., &amp; Protocol WG (35)</td>
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<tr>
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<td>1 - 2/3</td>
<td>MMC WG (15)</td>
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<td></td>
<td>4/5/6/7/8/9</td>
<td>STA Tech (15)</td>
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<td>Adaptec Reception ---&gt; Party (All)</td>
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<tr>
<td>Thursday 1/18</td>
<td>9 - 11/12</td>
<td>T10 Plenary (50)</td>
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<td></td>
<td>1 - 2/3</td>
<td>OSD / SRP WG (*) (15)</td>
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<td>4/5/6/7/8/9</td>
<td>STA Marcom (15)</td>
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<tr>
<td>Friday 1/19</td>
<td>8 - 9/12</td>
<td>SCSI Trade Association (STA) (25)</td>
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<td>1 - 2/3</td>
<td>SRP WG (15)</td>
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<td>9 - 11/12</td>
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(*) - Meeting begins 1 hour after T10 meeting
Meetings marked with == are T10-authorized meetings.
Meetings marked with -- are authorized by other groups and may change without notice.

Other T10-authorized meetings:

<table>
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<tr>
<th>Meeting</th>
<th>Date</th>
<th>Location / Contact</th>
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</thead>
<tbody>
<tr>
<td>MMC-3 Edit</td>
<td>12/7-8/00</td>
<td>Cameron Park, CA / Roberts</td>
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<tr>
<td>Joint T10/T11.3</td>
<td>12/5/00</td>
<td>Austin, TX / T11</td>
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<tr>
<td>SST WG</td>
<td>12/6/00</td>
<td>Manchester, NH / Hitachi</td>
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<td>PIP WG</td>
<td>12/13-14/00</td>
<td>Manchester, NH / Hitachi</td>
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<td>SSM WG</td>
<td>12/13-14/00</td>
<td>Manchester, NH / Hitachi</td>
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<td>SRP WG</td>
<td>11/29/00 1:00p</td>
<td>Redmond, WA / Gardner</td>
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<td>SBP-3 WG</td>
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<td>PIP WG</td>
<td>1/24-25/00</td>
<td>Hawaii / Johansson</td>
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<td>2/20-21/00</td>
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</table>
Meeting Map Abbreviation Key:
Amnd: Amendment
Cable Perf.: Cable Performance Testing
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/second (a.k.a., Ultra)
Fast-40: Data Transfer at 40 Mega-transfers/second (a.k.a., Ultra2)
Fast-80: Data Transfer at 80 Mega-transfers/second (a.k.a., Ultra3, Ultra160)
Fast-160: Data Transfer at 160 Mega-transfers/second (a.k.a., Ultra4, Ultra320)
FC: Fibre Channel
FC-AL: Fibre Channel - Arbitrated Loop (a T11 project)
I/F: Interface
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
SCSI Harbor: A STA project on defining a wrapper for SCSI devices
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
T10 Proc.: T10 Procedures
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:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Contact</th>
<th>Telephone/Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPI</td>
<td>Bill Ham</td>
<td>(508) 841-2629 <a href="mailto:bill.ham@digital.com">bill.ham@digital.com</a></td>
</tr>
<tr>
<td>FCP-2, SES</td>
<td>Robert Snively</td>
<td>(408) 487-8135 <a href="mailto:rsnively@brocade.com">rsnively@brocade.com</a></td>
</tr>
<tr>
<td>SBC, SBC-2</td>
<td>Gene Milligan</td>
<td>(405) 324-3070 <a href="mailto:gene.milligan@seagate.com">gene.milligan@seagate.com</a></td>
</tr>
<tr>
<td>MMC-2, MMC-3, RMC</td>
<td>Bill McFerrin</td>
<td>(303) 651-5400</td>
</tr>
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The long-term T10 meeting week schedule is:

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Host/Comments</th>
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<tr>
<td>Sep 11-15, 2000</td>
<td>Huntington Beach, CA</td>
<td>QLogic</td>
</tr>
<tr>
<td>Oct 30-Nov 3, 2000</td>
<td>Monterey, CA</td>
<td>Adaptec / dates changed</td>
</tr>
<tr>
<td>Jan 15-19, 2001</td>
<td>Orlando, FL</td>
<td>Adaptec (DPT Div.)</td>
</tr>
<tr>
<td>Mar 5-9, 2001</td>
<td>Dallas, TX</td>
<td>Texas Instruments</td>
</tr>
<tr>
<td>Apr 30-May 4, 2001</td>
<td>Manchester, NH</td>
<td>Hitachi Cable</td>
</tr>
<tr>
<td>Jul 16-20, 2001</td>
<td>Colorado Springs, CO</td>
<td>LSI Logic</td>
</tr>
<tr>
<td>Sep 10-14, 2001</td>
<td>Huntington Beach, CA</td>
<td>QLogic</td>
</tr>
<tr>
<td>Nov 5-9, 2001</td>
<td>Monterey, CA</td>
<td>Adaptec</td>
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</table>

The dates below are approved, the locations and hosts are tentative:

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<th>Location</th>
<th>Host/Comments</th>
</tr>
</thead>
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<tr>
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<td>Oklahoma City, OK</td>
<td>Seagate</td>
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<tr>
<td>Mar 11-15, 2002</td>
<td>Dallas, TX</td>
<td>T.I.</td>
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<tr>
<td>May 6-10, 2002</td>
<td>NH / ?</td>
<td>? / Quantum</td>
</tr>
<tr>
<td>Jul 15-19, 2002</td>
<td>Colorado Springs, CO</td>
<td>LSI Logic</td>
</tr>
<tr>
<td>Sep 9-13, 2002</td>
<td>Huntington Beach, CA</td>
<td>QLogic &lt;--- Might swap</td>
</tr>
<tr>
<td>Nov 4-8, 2002</td>
<td>Bay Area</td>
<td>Adaptec &lt;--- months</td>
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</table>

### 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.

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

### 15. Adjournment

The meeting was adjourned at 12:20 p.m. on Thursday November 2, 2000.
### Enclosure(1) -- Meeting Attendees

<table>
<thead>
<tr>
<th>Name</th>
<th>S</th>
<th>Organization</th>
<th>Electronic Mail Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Lawrence J. Lamers</td>
<td>P</td>
<td>Adaptec, Inc.</td>
<td><a href="mailto:ljlamers@ieee.org">ljlamers@ieee.org</a></td>
</tr>
<tr>
<td>Mr. Ron Roberts</td>
<td>A</td>
<td>Adaptec, Inc.</td>
<td><a href="mailto:Ron_Roberts@adaptec.com">Ron_Roberts@adaptec.com</a></td>
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<tr>
<td>Mr. Charles Brill</td>
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<td>AMP / Tyco Electronics</td>
<td><a href="mailto:cebrell@ix.netcom.com">cebrell@ix.netcom.com</a></td>
</tr>
<tr>
<td>Mr. Bill Mable</td>
<td>P</td>
<td>Amphenol Interconnect</td>
<td><a href="mailto:mableaipc@aol.com">mableaipc@aol.com</a></td>
</tr>
<tr>
<td>Mr. Bart Rauadebaugh</td>
<td>P</td>
<td>Ancot Corp.</td>
<td><a href="mailto:bart@ancot.com">bart@ancot.com</a></td>
</tr>
<tr>
<td>Mr. Bill Galloway</td>
<td>P</td>
<td>BREA Technologies, Inc.</td>
<td><a href="mailto:billg@breatech.com">billg@breatech.com</a></td>
</tr>
<tr>
<td>Mr. Robert Snively</td>
<td>P</td>
<td>Brocade Comm. Systems, Inc.</td>
<td><a href="mailto:rsnively@brocade.com">rsnively@brocade.com</a></td>
</tr>
<tr>
<td>Mr. Leroy Fong</td>
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<td>Circuit Assembly Corp.</td>
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</tbody>
</table>
45 People Present

Status Key:  P  -  Principal
A, A#  -  Alternate
O  -  Observer
L  -  Liaison
V  -  Visitor
**Enclosure(2) -- T10 Attendance Database**

*Generated on 2000/11/07 at 12:52:23*

<table>
<thead>
<tr>
<th>Name</th>
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<th>Email</th>
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Ultra-320 SCSI Implementing 1.8x Transmit Pre-compensation

T10/00-103R1 Date: 1999/12/02 Author: Richard Uber Mailing: 2000_1
Ultra-320 SCSI Implementing 1.8x Transmit Pre-compensation

T10/00-103R2 Date: 2000/02/09 Author: Richard Uber Mailing: 2000_2
Issues with Implementing Transmitter Pre-Compensation

T10/00-104R0 Date: 1999/11/30 Author: Andrew Bishop Mailing: 2000_1
Ultra-320 SCSI Compensation Techniques

T10/00-105R0 Date: 1999/11/30 Author: Russ Brown Mailing: 2000_1
Ultra-320 SCSI Calibration Strategy

T10/00-105R1 Date: 1999/12/01 Author: Russ Brown Mailing: 2000_1
Ultra320 SCSI Calibration Strategy

T10/00-106R0 Date: 1999/12/02 Author: Pat McGarrah Mailing: 2000_1
Ultra 320 SCSI Summary and Recommendations

T10/00-106R1 Date: 2000/02/09 Author: Mark Evans Mailing: 2000_2
Ultra320 SCSI Summary and Recommendations

T10/00-107R0 Date: 1999/12/01 Author: John Lohmeyer Mailing: 2000_1
Response to NCITS 333 (MMC-2) 1PR comment #1 from Frank Rutherford

T10/00-108R0 Date: 1999/12/01 Author: John Lohmeyer Mailing: 2000_1
Response to NCITS 333 (MMC-2) 1PR comment #2 from Paul Suhler

T10/00-109R0 Date: 2000/01/04 Author: Larry Lamers Mailing: 2000_1
SPC-3 Echo Buffer Size

T10/00-109R1 Date: 2000/01/04 Author: Larry Lamers Mailing: 2000_2
SPC-3 Echo Buffer Size

T10/00-109R2 Date: 2000/02/15 Author: Larry Lamers Mailing: 2000_2
SPC-3 Echo Buffer Size

T10/00-109R3 Date: 2000/03/08 Author: Larry Lamers Mailing: 2000_2
SPC-3 Echo Buffer Size

T10/00-110R0 Date: 1999/11/30 Author: Bill Ham Mailing: 2000_1
Minutes of the SCSI Cable Media Performance WG (draft) - 11/30/99

T10/00-110R1 Date: 2000/02/10 Author: Bill Ham Mailing: 2000_2
Minutes of the SCSI Cable Media Performance WG (aprvd) - 11/30/99

T10/00-111R0 Date: 1999/12/01 Author: Bill Ham Mailing: 2000_1
Minutes of SCSI signal modeling WG (draft) - 12/01/99

T10/00-111R1 Date: 2000/02/10 Author: Bill Ham Mailing: 2000_2
Minutes of SCSI signal modeling WG (aprvd) - 12/01/99

T10/00-112R0 Date: 1999/12/01 Author: Jonathan Fasig Mailing: 2000_1
Electrical Model Requirements of SCSI Interconnect Components

T10/00-113R0 Date: 1999/12/01 Author: Dima Smolyansky Mailing: 2000_1
SCSI Connector and Cable Modeling from TDR Measurements
T10/00-114R0 Date: 1999/12/21 Author: George Penokie Mailing: 2000_1
Unit Attention fixes in Persistent Reservation

T10/00-115R0 Date: 1999/12/07 Author: Stewart Wyatt Mailing: 2000_1
Minutes of Joint T10/T11.3 Joint Ad Hoc -- 12/7/1999

T10/00-116R0 Date: 1999/12/13 Author: Skip Jones Mailing: 2000_1
Meeting Notice -- Working Group Meetings -- Feb 7-11, 2000

T10/00-117R0 Date: Author: Missing Mailing: not used

T10/00-118R0 Date: 1999/12/15 Author: Gene Milligan Mailing: 2000_1
Comment Resolution

T10/00-119R0 Date: 1999/12/21 Author: George Penokie Mailing: 2000_1
WDTR/SDTR/PPR Interactions

T10/00-119R1 Date: 2000/01/10 Author: George Penokie Mailing: 2000_2
WDTR/SDTR/PPR Interactions

T10/00-120R0 Date: 2000/01/19 Author: Weber & Lohmeyer Mailing: 2000_1
Minutes of SCSI Physical Working Group - Jan 10-11, 2000

T10/00-120R1 Date: 2000/02/22 Author: Weber & Lohmeyer Mailing: 2000_2
Minutes of SCSI Physical Working Group - Jan 10-11, 2000

T10/00-121R0 Date: 2000/01/19 Author: Weber & Lohmeyer Mailing: 2000_1
Minutes of SCSI Protocol Working Group - Jan 12, 2000

T10/00-121R1 Date: 2000/01/26 Author: Weber & Lohmeyer Mailing: 2000_1
Minutes of SCSI Protocol Working Group - Jan 12, 2000

T10/00-121R2 Date: 2000/02/22 Author: Weber & Lohmeyer Mailing: 2000_2
Minutes of SCSI Protocol Working Group - Jan 12, 2000

T10/00-122R0 Date: 2000/01/20 Author: Weber & Lohmeyer Mailing: 2000_1
Minutes of T10 Plenary Meeting #35 - Jan 13, 2000

T10/00-122R1 Date: 2000/02/23 Author: Weber & Lohmeyer Mailing: 2000_2
Minutes of T10 Plenary Meeting #35 - Jan 13, 2000

T10/00-123R0 Date: 2000/01/06 Author: Ralph Weber Mailing: 2000_1
Access Controls, an alternate approach

T10/00-124R0 Date: 2000/01/04 Author: Dale LaFollette Mailing: 2000_1
Draft Agenda - Joint T10/T11.3 Activity WG - Jan 13, 2000

T10/00-125R0 Date: 2000/01/05 Author: Gerry Houlder Mailing: 2000_1
Large LBA addressing using variable length CDB structure

T10/00-126R0 Date: 2000/01/10 Author: Vince Bastiani Mailing: 2000_1
U320 Timing Specification

T10/00-126R1 Date: 2000/02/10 Author: Vince Bastiani Mailing: 2000_2
Fast-160 Timing Specification

T10/00-127R0 Date: 1999/12/31 Author: Rob Elliott Mailing: 2000_1
Target-controlled congestion relief
T10/00-127R1 Date: 2000/05/05 Author: Rob Elliott Mailing: 2000_3
Target-controlled congestion relief

T10/00-128R0 Date: 2000/01/10 Author: Neil Wanamaker Mailing: 2000_1
T11 Liaison Report - January 2000

T10/00-129R0 Date: 2000/01/31 Author: Gene Milligan Mailing: 2000_2
SPC Support for Partial Loading & Unloading (Summary of 99-347r3)

T10/00-130R0 Date: 2000/01/25 Author: Robert Snively/ Ralph Weber Mailing: 2000_1

Minutes of T10/T11.3 Joint Ad Hoc -- 1/13/2000

T10/00-131R0 Date: 2000/01/20 Author: Bill McFerrin Mailing: 2000_1

T10/00-132R0 Date: 2000/02/09 Author: Mark Evans and Bruce Leshay Mailing: 2000_2
Proposal for training pattern protocol to be included in SPI-4

T10/00-132R1 Date: 2000/03/07 Author: Mark Evans and Bruce Leshay Mailing: 2000_2
Proposal for training pattern protocol to be included in SPI-4

T10/00-133R0 Date: 2000/02/09 Author: Bruce Leshay Mailing: 2000_2
Ultra320 SCSI Calibration Protocol

T10/00-133R1 Date: 2000/03/07 Author: Bruce Leshay Mailing: 2000_2
Ultra320 SCSI Calibration Protocol

T10/00-133R2 Date: 2000/03/27 Author: Bruce Leshay Mailing: 2000_3
Ultra320 SCSI Calibration Protocol

T10/00-133R3 Date: 2000/04/26 Author: Bruce Leshay Mailing: 2000_3
Ultra320 SCSI Calibration and Clock Protocol

T10/00-134R0 Date: 2000/02/17 Author: John Lohmeyer Mailing: 2000_2
Minutes of SCSI Physical Working Group - Feb 9-10, 2000

T10/00-135R0 Date: 2000/02/08 Author: Paul Suhler Mailing: 2000_2
Support for Large Block Addresses in SSC

T10/00-135R1 Date: 2000/02/29 Author: Paul Suhler Mailing: 2000_2
Support for Large Block Addresses in SSC-2

T10/00-135R2 Date: 2000/03/06 Author: Paul Suhler Mailing: 2000_2
Support for Large Block Addresses in SSC-2

T10/00-136R0 Date: 2000/01/28 Author: Carl Zeitler Mailing: 2000_2
Comments on FCP-2 Rev 04

T10/00-137R0 Date: 2000/01/28 Author: Carl Zeitler Mailing: 2000_2
Ladder Diagrams for Error Recovery for FCP-2 Rev 04 Out-Of-Order Delivery - Annex D

T10/00-137R1 Date: 2000/02/23 Author: Carl Zeitler Mailing: 2000_2
Ladder Diagrams for Error Recovery for FCP-2 Rev 04 Out-Of-Order Delivery - Annex D
T10/00-137R2 Date: 2000/03/28 Author: Carl Zeitler Mailing: 2000_3
Ladder Diagrams for Error Recovery for FCP-2 Rev 04 Out-Of-Order Delivery - Annex D

T10/00-137R3 Date: 2000/04/24 Author: Carl Zeitler Mailing: 2000_3
Ladder Diagrams for Error Recovery for FCP-2 Rev 04 Out-Of-Order Delivery - Annex D

T10/00-137R4 Date: 2000/05/31 Author: Carl Zeitler Mailing: 2000_4
Ladder Diagrams for Error Recovery for FCP-2 Rev 04 Out-Of-Order Delivery - Annex D

T10/00-137R5 Date: 2000/06/08 Author: Carl Zeitler Mailing: 2000_4
Ladder Diagrams for Error Recovery for FCP-2 Rev 04 Out-Of-Order Delivery - Annex D

T10/00-138R0 Date: 2000/02/01 Author: George Penokie Mailing: 2000_2
Comments on FCP-2 Letter Ballot

T10/00-139R0 Date: 2000/02/02 Author: Bob Snively Mailing: 2000_2
Comments on FCP-2 Letter Ballot

T10/00-140R0 Date: 2000/02/28 Author: Ralph Weber Mailing: 2000_2
Bug in SAM-2 Task Identifier definition

T10/00-140R1 Date: 2000/04/19 Author: Ralph Weber Mailing: 2000_3
SAM-2 Task Identifier Readability Enhancements and Addition of Nexus to SAM-2

T10/00-140R2 Date: 2000/06/22 Author: Ralph Weber Mailing: 2000_4
SAM-2 Task Identifier Readability Enhancements and Addition of Nexus to SAM-2

T10/00-140R3 Date: 2000/07/16 Author: Ralph Weber Mailing: 2000_4
SAM-2 Task Identifier Readability Enhancements and Addition of Nexus to SAM-2

T10/00-141R0 Date: 2000/02/03 Author: Gene Milligan Mailing: 2000_2
Comments on FCP-2 Letter Ballot

T10/00-142R0 Date: 2000/01/27 Author: Larry Lamers Mailing: 2000_2
Flow Control & Read Streaming

T10/00-142R1 Date: 2000/04/20 Author: Larry Lamers Mailing: 2000_3
Flow Control & Read Streaming

T10/00-142R3 Date: 2000/05/14 Author: Larry Lamers Mailing: 2000_3
Flow Control & Read Streaming

T10/00-142R4 Date: 2000/06/13 Author: Larry Lamers Mailing: 2000_4
Flow Control & Read Streaming

T10/00-143R0 Date: 2000/02/04 Author: Deborah Donovan Mailing: 2000_2
Transmittal of NCITS No vote & comments on MMC-2 (BSR NCITS.333-20xx)

T10/00-143R1 Date: 2000/02/16 Author: Deborah Donovan Mailing: 2000_2
Transmittal of NCITS No vote & comments on MMC-2 (BSR NCITS.333-20xx)

T10/00-144R0 Date: 2000/02/07 Author: Larry Lamers Mailing: 2000_2
Meeting Announcement - SPI-4 WG Milpitas, CA - March 27-28, 2000
T10/00-145R0 Date: 2000/02/07 Author: Bill Ham Mailing: 2000_2
Minutes of SCSI Passive Interconnect Performance WG (draft) - 2/7/00

T10/00-145R1 Date: 2000/02/29 Author: Bill Ham Mailing: 2000_2
Minutes of SCSI Passive Interconnect Performance WG (aprvd) - 2/7/00

T10/00-146R0 Date: 2000/02/08 Author: Bill Ham Mailing: 2000_2
Minutes of SCSI Signal Modeling WG (draft) - 2/8/00

T10/00-146R1 Date: 2000/03/01 Author: Bill Ham Mailing: 2000_2
Minutes of SCSI Signal Modeling WG (aprvd) - 2/8/00

T10/00-147R0 Date: 2000/02/09 Author: Russ Brown Mailing: 2000_2
Ultra320 SCSI vs. Ultra160 SCSI Eye Diagram Data

T10/00-147R1 Date: 2000/02/09 Author: Russ Brown Mailing: 2000_2
Ultra320 SCSI vs. Ultra160 SCSI Eye Diagram Data

T10/00-148R0 Date: 2000/02/09 Author: Bill Ham Mailing: 2000_2
SCSI History and Signal Integrity Strategies

T10/00-149R0 Date: 2000/02/10 Author: Bill Ham Mailing: 2000_2
Requirements for Measuring Receive Signals in SPI-4 and beyond

T10/00-150R0 Date: 2000/02/11 Author: Bob Snively Mailing: 2000_2
Resolution of FCP-2 letter ballot comments

T10/00-150R1 Date: 2000/03/04 Author: Bob Snively Mailing: 2000_2
Resolution of FCP-2 letter ballot comments

T10/00-150R2 Date: 2000/03/24 Author: Bob Snively Mailing: 2000_3
Resolution of FCP-2 letter ballot comments

T10/00-150R3 Date: 2000/05/10 Author: Bob Snively Mailing: 2000_3
Resolution of FCP-2 letter ballot comments

T10/00-150R4 Date: 2000/05/15 Author: Bob Snively Mailing: 2000_4
Resolution of FCP-2 letter ballot comments

T10/00-150R5 Date: 2000/06/14 Author: Bob Snively Mailing: 2000_4
Resolution of FCP-2 letter ballot comments

T10/00-150R6 Date: 2000/06/26 Author: Bob Snively Mailing: 2000_4
Resolution of FCP-2 letter ballot comments

T10/00-151R0 Date: 2000/02/16 Author: ISO/IEC Mailing: 2000_2
FDIS on Optical Memory Card Device Commands (OMC)

T10/00-152R0 Date: 2000/02/23 Author: Ralph Weber Mailing: 2000_2
Review of 16-byte operation codes

T10/00-153R0 Date: 2000/03/07 Author: Russ Brown Mailing: 2000_2
Ultra320 SCSI with Receiver Equalization 25 m. into Backplane with 6 loads

T10/00-154R0 Date: 2000/03/07 Author: Russ Brown Mailing: 2000_2
Ultra640 SCSI with Receiver Equalization 25 m. into Backplane with 6 loads

T10/00-155R0 Date: 2000/03/13 Author: Weber / Lohmeyer Mailing: 2000_2
Minutes of Parallel SCSI WG - March 7, 2000
Receive Equalizer used for Quantum Ultra320 Eye Diagram Data

T10/00-169R0 Date: 2000/03/07 Author: Russ Brown Mailing: 2000_2
Effect of Varying Transmitter Amplitude on Ultra320 SCSI Receiver Equalization

T10/00-170R0 Date: 2000/02/09 Author: Mark Evans Mailing: 2000_2
LVD maximum bus path length between terminators for Fast-160 to be included in SPI-4

T10/00-170R1 Date: 2000/03/07 Author: Mark Evans Mailing: 2000_2
LVD maximum bus path length between terminators for Fast-160 to be included in SPI-4

T10/00-171R0 Date: 2000/03/05 Author: Ralph Weber Mailing: 2000_2
EXTENDED COPY Works in Progress

T10/00-172R0 Date: 2000/03/08 Author: Ed Gardner Mailing: 2000_2
SVP Issues

T10/00-173R0 Date: 2000/03/09 Author: Dave Peterson Mailing: 2000_2
Project proposal for SCSI Stream Commands - 2 (SSC-2)

T10/00-173R1 Date: 2000/05/15 Author: Dave Peterson Mailing: 2000_3
Project proposal for SCSI Stream Commands - 2 (SSC-2)

T10/00-174R0 Date: 2000/03/28 Author: Vince Bastiani Mailing: 2000_3
Proposed training pattern for skew compensation

T10/00-175R0 Date: 2000/03/07 Author: Dan Smith Mailing: 2000_2
Driver Precompensation with Receiver Filtering for Ultra4

T10/00-176R0 Date: 2000/03/08 Author: Neil Wanamaker Mailing: 2000_2
T11 Liaison Report for March 2000

T10/00-177R0 Date: 2000/03/08 Author: Bill McFerrin Mailing: 2000_2
Minutes on MMC Working Group Meeting - March 7, 2000

T10/00-178R0 Date: 2000/03/08 Author: Bill Ham Mailing: 2000_2
Summary of Physical Test Activities

T10/00-179R0 Date: 2000/02/28 Author: Jennifer T. Garner Mailing: 2000_2
Call for Volunteers - Chairman - NCITS /T10, I/O Interface - Lower Level

T10/00-180R0 Date: 2000/03/09 Author: Gene Milligan Mailing: 2000_2

T10/00-181R0 Date: 2000/02/16 Author: Stewart Wyatt Mailing: 2000_2
Minutes of Joint T10/T11.3 Joint Ad Hoc -- 2/16/2000

T10/00-182R0 Date: 2000/03/06 Author: Stewart Wyatt Mailing: 2000_2
Minutes of Joint T10/T11.3 Joint Ad Hoc -- 3/6/2000

T10/00-182R1 Date: 2000/04/05 Author: Stewart Wyatt Mailing: 2000_3
Minutes of Joint T10/T11.3 Joint Ad Hoc -- 3/6/2000

T10/00-183R0 Date: 2000/03/09 Author: Paul Aloisi Mailing: 2000_2
STA Liaison Report for March 2000
T10/00-184R0 Date: 2000/03/29 Author: John Lohmeyer Mailing: 2000_3
Minutes of Parallel SCSI WG - March 27-28, 2000

T10/00-184R1 Date: 2000/03/31 Author: John Lohmeyer Mailing: 2000_3
Minutes of Parallel SCSI WG - March 27-28, 2000

T10/00-185R0 Date: 2000/03/16 Author: Rob Elliott Mailing: 2000_2
Minutes of Access Controls Teleconference - 3/15/2000

T10/00-186R0 Date: 2000/04/12 Author: Rob Elliott Mailing: 2000_3
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T10/00-187R0 Date: 2000/03/09 Author: Gene Milligan Mailing: 2000_2
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T10/00-188R0 Date: 2000/03/16 Author: John Lohmeyer Mailing: 2000_2
Unresolved negative from IBM on SSC Letter Ballot

T10/00-189R0 Date: 2000/03/16 Author: John Lohmeyer Mailing: 2000_2
Unresolved negative from Sun Microsystems on SSC Letter Ballot

T10/00-190R0 Date: 2000/03/16 Author: John Lohmeyer Mailing: 2000_2
T10 response to Public Review Comment #1 on NCITS.335 (SSC)

T10/00-191R0 Date: 2000/03/16 Author: John Lohmeyer Mailing: 2000_2
T10 response re NCITS LB negatives on NCITS.333 (MMC-2)

T10/00-192R0 Date: 2000/03/16 Author: Paul Suhler Mailing: 2000_2
Public Review Comment #1 on NCITS.335:20xx (SSC)

T10/00-193R0 Date: 2000/03/27 Author: George Penokie Mailing: 2000_3
Training Timing Modeling Results

T10/00-194R0 Date: 2000/03/27 Author: Bruce Manildi Mailing: 2000_2
Ultra 320 with Precompensation

T10/00-194R1 Date: 2000/03/27 Author: Bruce Manildi Mailing: 2000_3
320 MB Eye Pattern Data with 15-25-33% Precomp and Crosstalk

T10/00-195R0 Date: 2000/03/28 Author: Russ Brown Mailing: 2000_3
Ultra320 into fully populated 10-slot backplane

T10/00-196R0 Date: 2000/03/28 Author: Russ Brown Mailing: 2000_3
Comments on adaptive filtering for Ultra320 SCSI

T10/00-197R0 Date: Author: Mailing: Missing
not used

T10/00-198R0 Date: 2000/03/28 Author: Paul Aloisi Mailing: 2000_3
Fast-160 Driver and Receiver masks

T10/00-199R0 Date: 2000/03/27 Author: Bill Ham & Rob Elliott Mailing: 2000_3
Proposal for expander requirements, domain validation basic integrity check, and related target requirements

T10/00-199R1 Date: 2000/05/02 Author: Bill Ham & Rob Elliott Mailing: 2000_3
Proposal for expander requirements, domain validation basic integrity check,
and related target requirements

T10/00-199R2 Date: 2000/05/15 Author: Bill Ham & Rob Elliott
Proposal for expander requirements, domain validation basic integrity check, and related target requirements

T10/00-200R0 Date: 2000/03/28 Author: Wally Bridgewater Mailing: 2000_3
Eye Window Amplitude

T10/00-200R1 Date: 2000/03/28 Author: Wally Bridgewater Mailing: 2000_4
Eye Window Amplitude

T10/00-201R0 Date: 2000/03/28 Author: Wally Bridgewater Mailing: 2000_3
The zero offset problem for receiver equalization

T10/00-201R1 Date: 2000/03/28 Author: Wally Bridgewater Mailing: 2000_4
The zero offset problem for receiver equalization

T10/00-202R0 Date: 2000/04/02 Author: Ralph Weber Mailing: 2000_3
Assignments for Variable Length CDB Service Action Codes

T10/00-203R0 Date: 2000/04/02 Author: Ralph Weber Mailing: 2000_3
Describing AEN in the Processor Device Model

T10/00-204R0 Date: 2000/04/27 Author: Weber & Lohmeyer Mailing: 2000_3
Minutes of Parallel SCSI WG - April 26-27, 2000

T10/00-205R0 Date: 2000/05/23 Author: Weber & Lohmeyer Mailing: 2000_3
Minutes of Parallel SCSI WG - May 16, 2000

T10/00-205R1 Date: 2000/06/02 Author: Weber & Lohmeyer Mailing: 2000_4
Minutes of Parallel SCSI WG - May 16, 2000

T10/00-206R0 Date: 2000/05/23 Author: Weber & Lohmeyer Mailing: 2000_3
Minutes of SCSI Commands, Arch., & Protocol WG - May 15&17, 2000

T10/00-207R0 Date: 2000/05/24 Author: Weber & Lohmeyer Mailing: 2000_3
Minutes of T10 Plenary Meeting #37 -- May 18, 2000

T10/00-207R1 Date: 2000/06/02 Author: Weber & Lohmeyer Mailing: 2000_4
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T10/00-208R0 Date: 2000/04/28 Author: John Lohmeyer Mailing: 2000_3
ltr to Jennifer T. Garner re call for volunteers to chair T10

T10/00-209R0 Date: 2000/04/28 Author: David Steele Mailing: 2000_3
Statement of management support for John Lohmeyer as chair of T10

T10/00-210R0 Date: 2000/04/09 Author: Martin Ogbuckiri Mailing: 2000_3
Meeting Announcement - SPIP, SSM, and SPI-4 WGs - June 12-16, 2000

T10/00-211R0 Date: 2000/04/13 Author: Ralph Weber & David Chambliss Mailing: 2000_3
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T10/00-211R1 Date: 2000/04/22 Author: Ralph Weber & David Chambliss Mailing: 2000_3
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T10/00-222R0 Date: 2000/04/19 Author: Ralph Weber Mailing: 2000_3
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T10/00-223R0 Date: 2000/04/26 Author: Richard Uber Mailing: 2000_3
Specifying the signal at the receiver when using receiver equalization

T10/00-224R0 Date: 2000/04/26 Author: Richard Uber Mailing: 2000_3
Validation of Quantum lab setup used for testing Ultra320

T10/00-225R0 Date: 2000/04/26 Author: Richard Uber Mailing: 2000_3
Transmitter precompensation used with receiver equalization

T10/00-225R1 Date: 2000/05/16 Author: Richard Uber Mailing: 2000_3
Transmitter precompensation used with receiver equalization

T10/00-226R0 Date: Author: Missing Mailing: Missing
not used

T10/00-227R0 Date: 2000/04/27 Author: Paul Aloisi Mailing: 2000_3
Calculated signal losses

T10/00-227R1 Date: 2000/05/16 Author: Paul Aloisi Mailing: 2000_3
Calculated signal losses

T10/00-227R2 Date: 2000/05/16 Author: Paul Aloisi Mailing: 2000_3
Calculated signal losses

T10/00-227R3 Date: 2000/05/18 Author: Paul Aloisi Mailing: 2000_3
Calculated signal losses

T10/00-227R4 Date: 2000/06/11 Author: Paul Aloisi Mailing: 2000_4
Calculated signal losses

T10/00-227R5 Date: 2000/07/11 Author: Paul Aloisi Mailing: 2000_4
Calculated signal losses

T10/00-227R6 Date: 2000/07/12 Author: Paul Aloisi Mailing: 2000_4
Calculated signal losses (Excel spreadsheet)

T10/00-227R6 Date: 2000/07/12 Author: Paul Aloisi Mailing: 2000_4
Calculated signal losses

T10/00-227R7 Date: 2000/08/23 Author: Paul Aloisi Mailing: 2000_5
Calculated signal losses

T10/00-227R7 Date: 2000/08/23 Author: Paul Aloisi Mailing: 2000_5
Calculated signal losses (Excel spreadsheet)

T10/00-227R8 Date: 2000/08/25 Author: Paul Aloisi Mailing: 2000_5
Calculated signal losses

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Calculated signal losses (Excel spreadsheet)

T10/00-227R9 Date: 2000/09/12 Author: Paul Aloisi Mailing: 2000_5
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Calculated signal losses (Excel spreadsheet)

T10/00-228R0 Date: 2000/04/28 Author: Rob Elliott Mailing: 2000_3
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T10/00-229R0 Date: 2000/05/03 Author: Charles Binford Mailing: 2000_3
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T10/00-229R1 Date: 2000/06/28 Author: Charles Binford Mailing: 2000_4
Task Aborted - SAM changes

T10/00-229R2 Date: 2000/09/13 Author: Charles Binford Mailing: 2000_5
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T10/00-229R3 Date: 2000/09/13 Author: Charles Binford Mailing: 2000_5
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T10/00-230R0 Date: 2000/05/04 Author: Bob Snively Mailing: 2000_3
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T10/00-230R1 Date: 2000/05/10 Author: Bob Snively Mailing: 2000_3
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T10/00-230R2 Date: 2000/05/26 Author: Bob Snively Mailing: 2000_4
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T10/00-230R3 Date: 2000/06/30 Author: Bob Snively Mailing: 2000_4
FCP-2 items that need to be included in FC-FS

T10/00-230R4 Date: 2000/07/16 Author: Bob Snively Mailing: 2000_4
FCP-2 items that need to be included in FC-FS

T10/00-230R5 Date: 2000/08/31 Author: Bob Snively Mailing: 2000_5
FCP-2 items that need to be included in FC-FS

T10/00-231R0 Date: 2000/05/08 Author: Rob Elliott Mailing: 2000_3
SPI-4 training pattern DC signal strengths

T10/00-232R0 Date: 2000/05/15 Author: Bob Snively Mailing: 2000_3
Asymmetrical SCSI behavior

T10/00-232R1 Date: 2000/06/27 Author: Bob Snively Mailing: 2000_4
Asymmetrical SCSI behavior

T10/00-232R2 Date: 2000/10/20 Author: Bob Snively Mailing: 2000_6
Asymmetrical SCSI behavior

T10/00-233R0 Date: 2000/05/12 Author: Rob Elliott Mailing: 2000_3
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T10/00-233R1 Date: 2000/05/17 Author: Rob Elliott Mailing: 2000_3
SES issues: PRODUCT REVISION LEVEL and DESCRIPTOR LENGTH

T10/00-234R0 Date: 2000/05/13 Author: Charles Monia Mailing: 2000_3
IETF Liaison Report to T10

T10/00-235R0 Date: 2000/05/16 Author: Richard Uber Mailing: 2000_3
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T10/00-246R4 Date: 2000/08/25 Author: Paul Aloisi Mailing: 2000_5
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T10/00-246R5 Date: 2000/08/25 Author: Paul Aloisi Mailing: 2000_5
Proposed Changes for SPI-4

T10/00-246R6 Date: 2000/09/12 Author: Paul Aloisi Mailing: 2000_5
Proposed Changes for SPI-4

T10/00-246R7 Date: 2000/09/13 Author: Paul Aloisi Mailing: 2000_5
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T10/00-246R8 Date: 2000/10/16 Author: Paul Aloisi Mailing: 2000_6
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T10/00-247R0 Date: 2000/06/02 Author: John Lohmeyer Mailing: 2000_4
T10 response to Public Review Comment #1 on NCITS.336 (SPI-3)

T10/00-248R0 Date: 2000/06/12 Author: Rob Elliott Mailing: 2000_4
SBC-2 issues

T10/00-248R1 Date: 2000/07/25 Author: Rob Elliott Mailing: 2000_5
SBC-2 issues

T10/00-248R2 Date: 2000/09/08 Author: Rob Elliott Mailing: 2000_5
SBC-2 issues

T10/00-249R0 Date: 2000/07/17 Author: Weber & Lohmeyer Mailing: 2000_4
Minutes of Parallel SCSI WG - July 11, 2000

T10/00-250R0 Date: 2000/07/19 Author: Weber & Lohmeyer Mailing: 2000_4
Minutes of Parallel SCSI WG - July 10&12, 2000

T10/00-251R0 Date: 2000/07/19 Author: Weber & Lohmeyer Mailing: 2000_4
Minutes of T10 Plenary Meeting #38 -- July 13, 2000

T10/00-251R1 Date: 2000/07/24 Author: Weber & Lohmeyer Mailing: 2000_4
Minutes of T10 Plenary Meeting #38 -- July 13, 2000

T10/00-251R2 Date: 2000/08/02 Author: Weber & Lohmeyer Mailing: 2000_5
Minutes of T10 Plenary Meeting #38 -- July 13, 2000

T10/00-252R0 Date: 2000/06/12 Author: Rob Elliott Mailing: 2000_4
QAS without IU in SPI-4

T10/00-252R1 Date: 2000/07/26 Author: Rob Elliott Mailing: 2000_5
QAS without IU in SPI-4

T10/00-252R2 Date: 2000/09/28 Author: Rob Elliott Mailing: 2000_6
QAS without IU in SPI-4

T10/00-252R3 Date: 2000/10/31 Author: Rob Elliott Mailing: 2000_6
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T10/00-253R0 Date: 2000/06/13 Author: Bill Ham Mailing: 2000_4
Minutes of Passive Interconnect Performance WG (draft) - 6/12-13/00
T10/00-253R1 Date: 2000/08/17 Author: Bill Ham Mailing: 2000_5
Minutes of Passive Interconnect Performance WG (aprvd) - 6/12-13/00

T10/00-254R0 Date: 2000/06/14 Author: Bill Ham Mailing: 2000_4
Minutes of SCSI signal modeling WG (draft) - 6/13-14/00

T10/00-254R1 Date: 2000/08/15 Author: Bill Ham Mailing: 2000_5
Minutes of SCSI signal modeling WG (draft) - 6/13-14/00

T10/00-255R0 Date: 2000/06/15 Author: Bill Ham Mailing: 2000_4
Minutes of SDV working Group - June 15, 2000

T10/00-256R0 Date: 2000/07/07 Author: Ron Roberts Mailing: 2000_4
Additional Expander Proposal

T10/00-257R0 Date: 2000/06/29 Author: John Lohmeyer Mailing: 2000_4
Expander Communication Protocol

T10/00-257R1 Date: 2000/08/14 Author: John Lohmeyer Mailing: 2000_5
Expander Communication Protocol

T10/00-257R2 Date: 2000/08/21 Author: John Lohmeyer Mailing: 2000_5
Expander Communication Protocol

T10/00-257R3 Date: 2000/09/11 Author: John Lohmeyer Mailing: 2000_5
Expander Communication Protocol

T10/00-258R0 Date: 2000/06/16 Author: Stewart Wyatt Mailing: 2000_4
Minutes of T11.3/T10 Joint Activity WG - June 7, 2000

T10/00-258R1 Date: 2000/07/10 Author: Stewart Wyatt Mailing: 2000_4
Minutes of T11.3/T10 Joint Activity WG - June 7, 2000

T10/00-259R0 Date: Author: Mailing: Missing
not used

T10/00-260R0 Date: 2000/06/21 Author: Dave Baldwin Mailing: 2000_4
FCP-2 problem recovering the proper command

T10/00-260R1 Date: 2000/06/30 Author: Dave Baldwin Mailing: 2000_4
FCP-2 problem recovering the proper command

T10/00-261R0 Date: 2000/06/28 Author: Jim Hafner Mailing: 2000_4
Discussion of editorial changes to Access Controls, 99-245r9

T10/00-262R0 Date: 2000/06/28 Author: Jim Hafner Mailing: 2000_4
Suggested changes to OSD model in osd-r01

T10/00-263R0 Date: 2000/06/27 Author: Augusto Panella Mailing: 2000_4
IBIS Connector Modeling Specification

T10/00-264R0 Date: 2000/06/30 Author: Bob Snively Mailing: 2000_4
Asymmetric target behavior presentation

T10/00-265R0 Date: 2000/06/29 Author: Ed Gardner Mailing: 2000_4
Multi-port vs. Multi-target SCSI Devices

T10/00-266R0 Date: 2000/06/30 Author: Bob Snively Mailing: 2000_4
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T10/00-278R0 Date: 2000/07/11 Author: Ed Gardner Mailing: 2000_4
SVP Status and Future Plans

T10/00-278R1 Date: 2000/09/13 Author: Ed Gardner Mailing: 2000_5
SVP's Relationship to Infiniband(tm)

T10/00-279R0 Date: 2000/07/08 Author: Ed Gardner Mailing: 2000_4
Large SCSI Device Identifiers

T10/00-280R0 Date: 2000/07/12 Author: Ed Gardner Mailing: 2000_4
iSCSI Liaison Report

T10/00-281R0 Date: 2000/07/18 Author: Umesh Chandra Mailing: 2000_4
SCSI Cable Modeling

T10/00-282R0 Date: 2000/07/12 Author: Keith Parker Mailing: 2000_4
[SSS] SCSI Socket Services status report 2000-07-12

T10/00-283R0 Date: 2000/07/13 Author: Gene Milligan Mailing: 2000_4
NCITS T10 Standards Development Policy and Procedures

T10/00-283R1 Date: 2000/07/13 Author: Gene Milligan Mailing: 2000_4
NCITS T10 Standards Development Policy and Procedures

T10/00-284R0 Date: 2000/07/10 Author: Bill Ham Mailing: 2000_4
Minutes of SDV working Group - July 10, 2000

T10/00-284R1 Date: 2000/08/17 Author: Bill Ham Mailing: 2000_5
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T10/00-285R0 Date: 2000/07/11 Author: Bruce Leshay Mailing: Missing
Flow Control Issues

T10/00-285R1 Date: 2000/07/11 Author: Bruce Leshay Mailing: 2000_4
Flow Control

T10/00-286R0 Date: 2000/07/10 Author: Gary Robinson Mailing: 2000_4
T10 liaison report on IETF WG on SCSI over TCP/IP

T10/00-287R0 Date: 2000/07/12 Author: Jim Hafner Mailing: 2000_4
TransportIDs for Access Controls

T10/00-287R1 Date: 2000/07/20 Author: Jim Hafner Mailing: 2000_5
TransportIDs for Access Controls

T10/00-288R0 Date: 2000/07/12 Author: Rob Elliott Mailing: 2000_4
Resolution of SES Amendment 1 (sesar0) letter ballot comments

T10/00-289R0 Date: 2000/07/10 Author: Stewart Wyatt Mailing: 2000_4
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T10/00-290R0 Date: 2000/07/13 Author: Neil Wanamaker Mailing: 2000_4
T11 Liaison Report to T10

T10/00-291R0 Date: 2000/07/13 Author: Gene Milligan Mailing: 2000_4
T10/00-292R0 Date: 2000/07/13 Author: George Penokie Mailing: 2000_4
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T10/00-292R1 Date: 2000/07/19 Author: George Penokie Mailing: 2000_4
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T10/00-292R2 Date: 2000/08/25 Author: George Penokie Mailing: 2000_5
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T10/00-293R0 Date: 2000/07/13 Author: Paul Aloisi Mailing: 2000_4
STA Liaison report for July 2000

T10/00-294R0 Date: 2000/07/13 Author: Larry Barnes Mailing: 2000_4
Meeting Announcement - T10 PIP, SSM, and SDV working groups

T10/00-295R0 Date: 2000/07/13 Author: Dave Anderson Mailing: 2000_4
Dave Anderson's response to 00-262r0

T10/00-296R0 Date: 2000/07/13 Author: Ralph Weber & Gene Milligan Mailing: 2000_4
Minutes of OSD Working Group - July 13, 2000

T10/00-297R0 Date: 2000/07/18 Author: Carl Zeitler Mailing: 2000_4
Suggested Changes to Draft Annex D, FCP-2 revision 5, T10/00-266r0

T10/00-298R0 Date: 2000/07/19 Author: Bill McFerrin Mailing: 2000_4
Minutes of MMC3/RMC Working Group - July 11-12, 2000

T10/00-299R0 Date: 2000/07/20 Author: John Lohmeyer Mailing: 2000_4
Meeting Announcement - Parallel SCSI WG - Aug 24-25, 2000

T10/00-300R0 Date: 2000/08/02 Author: Bob Snively Mailing: 2000_5
Installation of corrections in FCP-2

T10/00-300R1 Date: 2000/09/07 Author: Bob Snively Mailing: 2000_5
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T10/00-300R2 Date: 2000/09/27 Author: Bob Snively Mailing: 2000_6
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T10/00-301R0 Date: 2000/08/14 Author: Bill Ham Mailing: 2000_5
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T10/00-301R1 Date: 2000/10/10 Author: Bill Ham Mailing: 2000_6
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T10/00-302R0 Date: 2000/08/16 Author: Bill Ham Mailing: 2000_5
Minutes of SCSI signal modeling WG (draft) - 8/15-16/00

T10/00-302R1 Date: 2000/10/11 Author: Bill Ham Mailing: 2000_6
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T10/00-303R0 Date: 2000/08/17 Author: Bill Ham Mailing: 2000_5
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T10/00-304R0 Date: 2000/08/28 Author: Weber & Lohmeyer Mailing: 2000_5
Minutes of Parallel SCSI WG - August 24-25, 2000
T10/00-305R0 Date: 2000/09/11 Author: Bill Ham Mailing: 2000_5
Minutes of SDV working Group - September 11, 2000

T10/00-306R0 Date: 2000/09/19 Author: Weber & Lohmeyer Mailing: 2000_5
Minutes of Parallel SCSI WG - September 12, 2000

T10/00-306R1 Date: 2000/09/21 Author: Weber & Lohmeyer Mailing: 2000_5
Minutes of Parallel SCSI WG - September 12, 2000

T10/00-306R2 Date: 2000/09/25 Author: Weber & Lohmeyer Mailing: 2000_5
Minutes of Parallel SCSI WG - September 12, 2000

T10/00-307R0 Date: 2000/09/20 Author: Weber & Lohmeyer Mailing: 2000_5
Minutes of SCSI CAP WG - September 11&13, 2000

T10/00-308R0 Date: 2000/09/20 Author: Weber & Lohmeyer Mailing: 2000_5
Minutes of T10 Plenary Meeting #39 -- September 14, 2000

T10/00-308R1 Date: 2000/09/25 Author: Weber & Lohmeyer Mailing: 2000_5
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T10/00-309R0 Date: 2000/08/03 Author: George Penokie Mailing: 2000_5
Bidirectional data transfers in SAM-2

T10/00-309R1 Date: 2000/08/04 Author: George Penokie Mailing: 2000_5
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T10/00-309R2 Date: 2000/09/12 Author: George Penokie Mailing: 2000_5
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T10/00-310R0 Date: 2000/08/02 Author: Don Woelz Mailing: 2000_5
Minutes of T11.1 HIPPI Ad Hoc (includes SST) - June 6-7, 2000

T10/00-311R0 Date: 2000/08/03 Author: Mark Evans & Bruce Leshay Mailing: 2000_5
Assertion handshaking protocol for Ultra320 SCSI

T10/00-311R1 Date: 2000/08/24 Author: Mark Evans & Bruce Leshay Mailing: 2000_5
Assertion handshaking protocol for Ultra320 SCSI

T10/00-312R0 Date: 2000/08/21 Author: Barry, Preslan, O'Keefe, Johnsen, Wayda, and Alting Mailing: 2000_5
SCSI Device Memory Export Protocol

T10/00-313R0 Date: 2000/08/14 Author: Matt Wakeley Mailing: 2000_5
FCP-2 Annex-D, new error recovery proposal

T10/00-314R0 Date: 2000/08/11 Author: Rob Elliott Mailing: 2000_5
Bidirectional data transfers in SPI-4

T10/00-314R1 Date: 2000/08/23 Author: Rob Elliott Mailing: 2000_5
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T10/00-314R2 Date: 2000/09/28 Author: Rob Elliott Mailing: 2000_6
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<tr>
<td>2000/09/06</td>
<td>Gene Milligan</td>
<td>Proposal for revision of the timing tables and definitions in SPI-4</td>
<td>2000_5</td>
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T10/00-323R4 Date: 2000/09/12 Author: Gene Milligan Mailing: 2000_5
Proposal for revision of the timing tables and definitions in SPI-4

T10/00-324R0 Date: 2000/08/22 Author: George Penokie Mailing: 2000_5
Getting training started in SPI-4

T10/00-324R1 Date: 2000/08/30 Author: George Penokie Mailing: 2000_5
Getting training started in SPI-4

T10/00-324R2 Date: 2000/09/07 Author: George Penokie Mailing: 2000_5
Getting training started in SPI-4

T10/00-324R3 Date: 2000/09/12 Author: George Penokie Mailing: 2000_5
Getting training started in SPI-4

T10/00-325R0 Date: 2000/08/23 Author: Bill Galloway Mailing: 2000_5
Vendor Unique IU type

T10/00-326R0 Date: 2000/08/23 Author: Bill Galloway Mailing: 2000_5
Packetized streaming clarification

T10/00-326R1 Date: 2000/08/28 Author: Bill Galloway Mailing: 2000_5
Packetized streaming clarification

T10/00-327R0 Date: 2000/08/23 Author: Larry Barnes Mailing: 2000_5
Effects of Periodic Structures on Transmission Lines

T10/00-327R1 Date: 2000/08/28 Author: Larry Barnes Mailing: 2000_5
Effects of Periodic Structures on Transmission Lines

T10/00-328R0 Date: 2000/08/29 Author: Eric Anderson Mailing: 2000_5
Enhancing SBP-2 Performance

T10/00-329R0 Date: 2000/09/15 Author: Rob Haydt Mailing: 2000_5
DMA Architecture for InfiniBand (tm)

T10/00-330R0 Date: 2000/09/15 Author: Peter Johansson Mailing: 2000_5
SBP-2 in a bridged environment

T10/00-331R0 Date: 2000/08/24 Author: Richard Uber Mailing: 2000_5
Losses on LVD Buses

T10/00-332R0 Date: 2000/08/24 Author: Bill Ham Mailing: 2000_5
Receiver Response Requirements

T10/00-332R1 Date: 2000/09/12 Author: Bill Ham Mailing: 2000_5
Receiver Response Requirements

T10/00-332R2 Date: 2000/10/31 Author: Bill Ham Mailing: 2000_6
Proposal for receiver 'bandwidth' specifications

T10/00-333R0 Date: 2000/09/14 Author: Gene Milligan Mailing: 2000_5
Standard is a functional description

T10/00-334R0 Date: 2000/08/28 Author: Umesh Chandra Mailing: 2000_5
Meeting announcement - SSM and PIP WG - October 10–12, 2000

T10/00-335R0 Date: 2000/08/30 Author: George Penokie Mailing: 2000_5
SPI-4 IU Handling Clean-up

T10/00-335R1 Date: 2000/09/12 Author: George Penokie Mailing: 2000_5
SPI-4 IU Handling Clean-up

T10/00-336R0 Date: 2000/08/30 Author: George Penokie Mailing: 2000_5
Paced information unit timing description

T10/00-337R0 Date: 2000/09/01 Author: Rob Elliott Mailing: 2000_5
PPR/MESSAGE REJECT implied agreement

T10/00-337R1 Date: 2000/09/13 Author: Rob Elliott Mailing: 2000_6
PPR/MESSAGE REJECT implied agreement

T10/00-338R0 Date: 2000/09/01 Author: George Penokie Mailing: 2000_5
New disc type field values for MMC-3

T10/00-339R0 Date: 2000/09/07 Author: Gregory Vaupotic Mailing: 2000_5
A Wide-Band Balun Test Fixture Suitable for SCSI Measurements

T10/00-340R0 Date: 2000/09/06 Author: Rob Elliott Mailing: 2000_5
SAM-2 ASCQ references in section 5.4

T10/00-340R1 Date: 2000/09/28 Author: Rob Elliott Mailing: 2000_6
SAM-2 ASCQ references in section 5.4

T10/00-341R0 Date: 2000/09/21 Author: John Lohmeyer Mailing: 2000_5
T10 Annual Report for 2000

T10/00-342R0 Date: 2000/09/07 Author: Jim Coomes Mailing: 2000_5
Clearing Effects of SCSI Initiators on mode page values

T10/00-343R0 Date: 2000/09/08 Author: Bill Galloway Mailing: 2000_5
Timing for ATN and P_CRCA in SPI-4

T10/00-343R1 Date: 2000/09/11 Author: Bill Galloway Mailing: 2000_5
Timing for ATN and P_CRCA in SPI-4

T10/00-343R2 Date: 2000/09/11 Author: Bill Galloway Mailing: 2000_5
Timing for ATN and P_CRCA in SPI-4

T10/00-344R0 Date: 2000/09/13 Author: Dave Peterson Mailing: 2000_5
Identifying a 3rd Party Copy Management Device/LUN

T10/00-345R0 Date: 2000/09/11 Author: Dave Peterson Mailing: 2000_6
Command Reference Number (CRN) into SAM-2

T10/00-345R1 Date: 2000/09/11 Author: Dave Peterson Mailing: 2000_6
Command Reference Number (CRN) into SAM-2

T10/00-346R0 Date: 2000/09/12 Author: Mark Evans Mailing: 2000_5
Ultra320 First Pulse Noise Margin

T10/00-347R0 Date: 2000/09/12 Author: Richard Uber Mailing: 2000_5
SPI-4 Spec Proposal for Ultra320

T10/00-348R0 Date: 2000/09/12 Author: Bruce Manildi Mailing: 2000_5
First Pulse and Attenuation Data
T10/00-349R0 Date: 2000/09/12 Author: Bruce Manildi Mailing: 2000_5
Attenuation Data for Fast-160 (Ultra320) SCSI

T10/00-350R0 Date: 2000/09/12 Author: Bruce Manildi Mailing: 2000_5
Worst Case Signal Amplitude Calculations Spreadsheet

T10/00-351R0 Date: 2000/09/12 Author: Bruce Manildi Mailing: 2000_5
A Comparison of Pre-Compensation and AAF

T10/00-352R0 Date: 2000/09/12 Author: Larry Barnes Mailing: 2000_5
Periodic Structures

T10/00-353R0 Date: 2000/09/12 Author: Gene Milligan Mailing: 2000_5
Proposal for revised setup and hold figures to be included in SPI-4

T10/00-353R1 Date: 2000/09/12 Author: Gene Milligan Mailing: 2000_5
Proposal for revised setup and hold figures to be included in SPI-4

T10/00-354R0 Date: 2000/09/13 Author: Ed Gardner Mailing: 2000_5
64-bit Task Tags or Host Context Fields in SVP

T10/00-354R1 Date: 2000/11/01 Author: Ed Gardner Mailing: 2000_6
64-bit Task Tags or Host Context Fields in SVP

T10/00-354R2 Date: 2000/11/03 Author: Ed Gardner Mailing: 2000_6
64-bit Task Tags or Host Context Fields in SVP

T10/00-355R0 Date: 2000/09/13 Author: Ed Gardner Mailing: 2000_5
Reporting Supported Request Types in SVP

T10/00-356R0 Date: 2000/09/13 Author: Ed Gardner Mailing: 2000_5
Mandating Large LBA Commands in SBC-2

T10/00-357R0 Date: 2000/09/13 Author: Ed Gardner Mailing: 2000_5
Identifying Devices

T10/00-357R1 Date: 2000/11/01 Author: Ed Gardner Mailing: 2000_6
Identifying Devices

T10/00-358R0 Date: 2000/09/13 Author: Keith Parker Mailing: 2000_5

T10/00-359R0 Date: 2000/09/13 Author: Ed Gardner Mailing: 2000_5
Unit Attention Issue

T10/00-360R0 Date: 2000/09/13 Author: Jim Wayda Mailing: 2000_5
SCSI Device Memory Export Protocol (DMEP) T10 Presentation

T10/00-361R0 Date: 2000/09/04 Author: Bill McFerrin Mailing: 2000_5
Mount Fuji Version 5, Draft 0.9

T10/00-362R0 Date: 2000/09/14 Author: Bill McFerrin Mailing: 2000_5
Minutes of MMC WG - September 13, 2000

T10/00-363R0 Date: 2000/09/14 Author: Bill McFerrin Mailing: 2000_5
Double Density CD Proposal (Sony)

T10/00-363R1 Date: 2000/09/14 Author: Bill McFerrin Mailing: 2000_5
Double Density CD Proposal (Sony)
Three minor modifications to Access Controls in SPC-3

T10/00-382R0  Date: 2000/10/12  Author: Paul Aloisi  Mailing: 
Calculated signal losses (Excel spreadsheet)

T10/00-382R0  Date: 2000/10/12  Author: Paul Aloisi  Mailing: 2000_6
Calculated signal losses

T10/00-382R1  Date: 2000/11/01  Author: Paul Aloisi  Mailing: 
Calculated signal losses (Excel spreadsheet)

T10/00-382R1  Date: 2000/11/01  Author: Paul Aloisi  Mailing: 2000_6
Calculated signal losses

T10/00-383R0  Date: 2000/10/12  Author: Bob Nixon  Mailing: 2000_6
Minutes of Joint T10/T11.3 Meeting - October 4, 2000

T10/00-384R0  Date: 2000/10/13  Author: Sriram Srinivasan  Mailing: 2000_6
Proposed changes to SPI IU exception handling

T10/00-384R1  Date: 2000/10/17  Author: Sriram Srinivasan  Mailing: 2000_6
Proposed changes to SPI IU exception handling

T10/00-385R0  Date: 2000/10/13  Author: Bruce Manildi  Mailing: Missing doc

T10/00-386R0  Date: 2000/08/14  Author: Umesh Chandra  Mailing: 2000_6
Cable Attenuation Testing

T10/00-387R0  Date: 2000/10/13  Author: Umesh Chandra  Mailing: Missing doc

T10/00-388R0  Date: 2000/10/13  Author: Peter Johansson  Mailing: 2000_6
Project Proposal for Serial Bus Protocol - 3 (SBP-3)

T10/00-389R0  Date: 2000/10/15  Author: Gene Milligan  Mailing: 2000_6
Proposal to replace the TBDs for Fast 160 in SPI-4 and to winnow options

T10/00-389R1  Date: 2000/10/31  Author: Gene Milligan  Mailing: 2000_6
Proposal to replace the TBDs for Fast 160 in SPI-4 and to winnow options

T10/00-390R0  Date: 2000/10/23  Author: Ed Gardner  Mailing: 2000_6
Renaming SVP

T10/00-391R0  Date: 2000/10/25  Author: Rob Elliott  Mailing: 2000_6
Controlling Targets with ECP

T10/00-392R0  Date: 2000/10/25  Author: Rob Elliott  Mailing: 2000_6
Reporting deskew values with ECP

T10/00-392R1  Date: 2000/10/31  Author: Rob Elliott  Mailing: 2000_6
Reporting saved training configuration values

T10/00-393R0  Date: 2000/10/25  Author: Rob Elliott  Mailing: 2000_6
Reporting AAF values with ECP

T10/00-394R0  Date: 2000/10/20  Author: John Lohmeyer  Mailing: 2000_6
NCITS Report - October 2000
T10/00-395R0  Date: 2000/10/25  Author: Rob Elliott  Mailing: 2000_6
Increased defect list lengths for SBC-2

T10/00-396R0  Date: 2000/10/25  Author: Rob Elliott  Mailing: 2000_6
Mode pages equivalents for ECP commands

T10/00-396R1  Date: 2000/10/30  Author: Rob Elliott  Mailing: 2000_6
Mode pages equivalents for ECP commands

T10/00-396R2  Date: 2000/11/01  Author: Rob Elliott  Mailing: 2000_6
Mode pages equivalents for ECP commands

T10/00-397R0  Date: 2000/10/25  Author: Rob Elliott  Mailing: 2000_6
Reporting currently negotiated settings

T10/00-397R1  Date: 2000/10/31  Author: Rob Elliott  Mailing: 2000_6
Reporting currently negotiated settings

T10/00-398R0  Date: 2000/10/26  Author: Dave Peterson  Mailing: 2000_6
EXTENDED COPY: URI target descriptor

T10/00-398R1  Date: 2000/11/01  Author: Dave Peterson  Mailing: 2000_6
EXTENDED COPY: IPv4 target descriptor

T10/00-398R2  Date: 2000/11/02  Author: Dave Peterson  Mailing: 2000_6
EXTENDED COPY: IPv4 target descriptor

T10/00-398R3  Date: 2000/11/06  Author: Dave Peterson  Mailing: 2000_6
EXTENDED COPY: IPv4 target descriptor

T10/00-399R0  Date: 2000/10/31  Author: Russ Brown  Mailing: 2000_6
Proposal for Ultra320 SCSI timing skew specification for SPI-4

T10/00-400R0  Date: 2000/10/31  Author: Russ Brown  Mailing: 2000_6
Proposal for Ultra320 AAF receiver input signal specification for SPI-4

T10/00-401R0  Date: 2000/10/29  Author: Bill Galloway  Mailing: 2000_6
ATN Setup Correction

T10/00-402R0  Date: 2000/10/29  Author: Bill Galloway  Mailing: 2000_6
QAS Signal Correction

T10/00-403R0  Date: 2000/10/29  Author: Bill Galloway  Mailing: 2000_6
Task Status after PPR

T10/00-404R0  Date: 2000/11/02  Author: Bill Ham  Mailing: 2000_6
Interoperability points and concatenated constructions

T10/00-405R0  Date: 2000/10/27  Author: Paul Suhler  Mailing: 2000_6
Target Handling of Out-of-Order

T10/00-406R0  Date: 2000/10/31  Author: John Masiewicz  Mailing: 2000_6
SCSI Signal & Cable Analysis Using Actual U320 Target and Initiator Silicon

T10/00-407R0  Date: 2000/11/01  Author: Ralph Weber  Mailing: Missing
Results of November SPC-2 letter ballot review meeting

T10/00-408R0  Date: 2000/10/31  Author: Russ Brown  Mailing: 2000_6
Discussion of Eye Mask Proposal for Ultra320 SCSI with AAF (00-400r0)
T10/00-409R0 Date: 2000/10/31 Author: Mark Evans Mailing: 2000_6
Update on Quantum's Adjustable Active Filter for Ultra320 SCSI

T10/00-410R0 Date: 2000/11/01 Author: Ed Gardner Mailing: Missing
Scatter-Gather and Bidirectional transfers for SVP

T10/00-411R0 Date: 2000/11/01 Author: Bob Nixon Mailing: 2000_6
Minutes of Joint T10/T11.3 WG - October 30, 2000

T10/00-412R0 Date: 2000/10/30 Author: Bob Snively Mailing: 2000_6
Minutes of SSC-2 WG - October 30, 2000

T10/00-413R0 Date: 2000/11/01 Author: Rob Elliott Mailing: 2000_6
Comments on 00-232r2 Asymmetric SCSI behavior

T10/00-414R0 Date: 2000/11/02 Author: Bill Galloway Mailing: Missing
Retain training information correction

T10/00-415R0 Date: 2000/11/02 Author: Gene Milligan Mailing: 2000_6
ISO/IEC report for November 2000

T10/00-416R0 Date: 2000/11/02 Author: Bill McFerrin Mailing: Missing
Minutes of MMC WG - October 30 - November 1, 2000

T10/00-417R0 Date: 2000/11/02 Author: Bill McFerrin Mailing: Missing
DVD+RW Command Set Proposal

T10/00-418R0 Date: 2000/11/02 Author: Bill McFerrin Mailing: Missing
CD-RW W/Defect Mgt. Command Set Proposal (a.k.a, Mount Rainier)

T10/00-419R0 Date: 2000/11/02 Author: Neil Wanamaker Mailing: 2000_6
T11 Liaison Report to T10

T10/00-420R0 Date: 2000/11/02 Author: Paul Aloisi Mailing: 2000_6
Report on SSM for November 2000

T10/00-421R0 Date: 2000/11/02 Author: Paul Aloisi Mailing: 2000_6
STA Liaison Report - November 2, 2000

T10/00-422R0 Date: 2000/11/06 Author: Ralph Weber Mailing: Missing
Suggestions for T10 Style Guide

T10/00-423R0 Date: 2000/11/05 Author: Rob Elliott Mailing: 2000_6
FCP-2 Bidirectional command support annex