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

| **Doc. No.:** T10/01-091r1 |
| --- |

**Date:** March 19, 2001
**Reply to:** John Lohmeyer

To:         T10 Membership
From:       Ralph Weber / John Lohmeyer
Subject:    Minutes of T10 Plenary Meeting #42 -- March 8, 2001
            Dallas, TX

# Agenda

1. Opening Remarks
2. Approval of Agenda
3. Attendance and Membership
4. Approval of Minutes - January '01 Meeting - Lake Buena Vista, FL (T10/01-008r0)
5. Document Distribution
6. Call for Patents
7. Review of Old Action Items
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 Enclosure Services Amendment #1 (SES AM1) {Project 1212-M} [Elliott]
    8.5    SCSI Primary Commands - 2 (SPC-2) Status {Project 1236-D} [Weber]
    8.6    MultiMedia Command Set - 3 (MMC-3) {Project 1363-D} [McFerrin]
    8.7    Reduced MultiMedia Command Set (RMC) {Project 1364-D} [McFerrin]
    8.8    SCSI Parallel Interface - 4 (SPI-4) {Project 1365-D} [Penokie]
    8.9    SCSI Domain Validation Technical Report (SDV) {Project 1378-DT} [Roberts]
    8.10   SCSI on Scheduled Transfer (SST) {Project 1380-D} [Woelz]
    8.11   SCSI Medium Changer Commands - 2 (SMC-2) {Project 1383-D} [Oetting]
    8.12   SCSI Signal Modeling (SSM) {Project 1414-DT} [Aloisi]
    8.13   SCSI RDMA Protocol (SRP) {Project 1415-D} [Gardner]
    8.14   SCSI Primary Commands - 3 (SPC-3) {Project 1416-D} [Weber]
    8.15   SCSI Block Commands - 2 (SBC-2) {Project 1417-D} [open]
    8.16   Object-based Storage Devices Commands (OSD) {Project 1355-D} [open]
    8.17   SCSI Stream Commands - 2 (SSC-2) {Project 1434-D} [Peterson]
    8.18   SCSI Passive Interconnect Performance (PIP) Technical Report (PIP) {Project 1439-DT} [Ham]
    8.19   SCSI Serial Bus Protocol -3 (SBP-3) {Project 1467-D} [Johansson]
9. Old Business
    9.1    Five Year Reviews (01-037) [Lohmeyer]
10. New Business
    10.1   Actions on Parallel SCSI Working Group Recommendations
        10.1.1   Proposal for Ultra320 AAF receiver input signal specification for SPI-4 (00-400r2) [Evans]
        10.1.2   Receiver Response Requirements (00-332r4) [Ham]
        10.1.3   Corrections to SPI-4 Driving and Asserting SCSI Signals (01-096r1) [Moore]
        10.1.4   Floor Motions [Penokie]
    10.2   Actions on CAP Working Group Recommendations
        10.2.1   Making Target Reset optional in SAM-2 (01-015r2) [Elliott]

# Results of Meeting

## 1.   Opening Remarks

John Lohmeyer, the T10 Chair, called the meeting to order at 9:00 a.m., Thursday March 8, 2001.  He thanked Paul Aloisi of Texas Instruments 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:

    10.1.1   Proposal for Ultra320 AAF receiver input signal specification for SPI-4 (00-400r2) [Evans]

10.1.2   Receiver Response Requirements (00-332r4) [Ham]
10.1.3   Corrections to SPI-4 Driving and Asserting SCSI Signals (01-096r1) [Moore]
10.1.4   Floor Motions [Penokie]
10.2.1   Making Target Reset optional in SAM-2 (01-015r2) [Elliott]
10.2.2   SAM-2 AER enable and disable requirement for protocols (01-061r2) [Elliott]
10.2.3   SPC-3 VPD Page 83 Device Identifier rewrite (01-065r2) [Elliott]
10.5     Style Guide [Moore]
12.7     NCITS H2 (Database Languages) [Hare]

The following agenda items were added/revised during the course of the meeting:

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


## 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).

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 12 people from 5 organizations informing them that their membership was in jeopardy due to non-attendance (see 01-055r0) and that their membership would be terminated if they did not attend this meeting.  The following organizations were in attendance jeopardy:

General Dynamics
Hewlett Packard Co.
Hitachi Cable Manchester, Inc.
Honda Connectors
Maxtor Corp.

All of these organizations were present.

No organizations requested new (or reinstated) membership.

The T10 membership during the meeting was 46 organizations unchanged from 46 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.

No organizations requested new membership following the adjournment of the meeting.


T10 membership following the meeting was 46 members.

## 4.   Approval of Minutes - January '01 Meeting - Lake Buena Vista, FL (T10/01-008r0)

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 March 15, 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.

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/

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. Section1.2.11 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 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.

John Lohmeyer reported that LSI is disclosing a patent position on SDV as described in 01-059r0.

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

# 7.  Review of Old Action Items

405)      Bob Snively will announce the five year review of the standards identified in 01-037r0 on the T10 Reflector. *Failed to complete in time*

# 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.

NCITS asked Terry Nelson, our NCITS liaison, to make T10 aware of a new IEEE project:

P1579 (C/MM) Standard for Parallel 10 Gb/s Signaling (LiteLink)

John noted that the PAR for 1579 is available at http://grouper.ieee.org/board/nescom/1579.pdf.

John Lohmeyer reported that SSI has a new PAR, retaining the P1285 number, which is available at http://grouper.ieee.org/board/nescom/1258.pdf. The committee briefly discussed how people can join the ballot committee to offer comments on the proposal.

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

Dave Peterson reported that the letter ballot comment resolution is in 01-030r3. He further noted that FCP-2 revision 7 contains the resolutions to the letter ballot comments.

Dave Peterson moved that 01-030r3 and FCP-2 revision 7 be accepted as resolving the letter ballot comments and that FCP-2 revision 7 be forwarded to NCITS for processing toward first public review. Bob Snively seconded the motion. The motion passed on a vote of 33:1:2:10=46. George Penokie declined to state a reason for his no vote.

Because of the successful letter ballot resolution, Ralph Weber, Rob Elliott, and Gerry Houlder asked that their No votes on the letter ballot be changed to Yes votes. George Penokie asked that his No vote on the letter ballot be changed to an Abstain.

John Lohmeyer took an action item forward FCP-2 revision 7 to NCITS for processing toward first public review.

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

Ralph Weber reported that revision 16 of SAM-2 will be provided for the next mailing and will contain all committee-approved changes. He noted the possibility that work on SAM-2 will wind down so that a different, I_T nexus based, view of the SCSI model can be undertaken in a SAM-3.

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

John Lohmeyer reported that SES AM1 had indeed been published as NCITS.305:1998/AM1.  He thanked Rob Elliott for his efforts as project editor.  (This item will be removed from subsequent agendas.)

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

Ralph Weber reported that the letter ballot comment resolution is in 00-267r7, including notes on the changes since r6.  He further noted that SPC-2 revision 19 contains the resolutions to the letter ballot comments.

Ralph Weber moved that 00-267r7 and SPC-2 revision 19 be accepted as resolving the letter ballot comments and that SPC-2 revision 19 be forwarded to NCITS for processing toward first public review.  Mark Evans seconded the motion.  The motion passed on a vote of 33:0:0:13=46.

Based on the successful comments resolution for SPC-2, Ralph Weber, George Penokie, and Bob Snively asked that their No votes be changed to Yes votes.

John Lohmeyer took an action item to forward SPC-2 revision 19 to NCITS for processing toward first public review.

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

Bill McFerrin reported on the activities of the MMC-3 working group (minutes in 01-109).

At the request of the MMC working group, John Lohmeyer took an action item to conduct a letter ballot regarding forwarding of MMC-3 revision 9 to public review.

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

Bill McFerrin reported that a request will be made to close the RMC at the May meeting.  In conjunction with the request to close RMC, a project proposal will be brought forward to start an MMC-4 project.

Bill McFerrin took an action item to inform the T10 reflector that a request to close the RMC project will be made at the May T10 meeting.

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

George Penokie reported on the activities of the SPI-4 working group (minutes in 01-089).  George noted that a new revision of SPI-4 will be provided before the next meeting but probably not in time for the next mailing.

George indicated that the goal for SPI-4 is a letter ballot after the July meeting.

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

Ron Roberts reported that SDV revision 4 is available for the next mailing and described the activities of the SDV working group (minutes in 01-088).

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

Don Woelz reported that the working group reviewed SST at February meetings (minutes in 01-105).  Don reported that SST revision 7 will be available but not in time for the next committee mailing.

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

In the absence of Erich Oetting, no SMC-2 report was available.

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

Paul Aloisi reported on the activities of the SSM working group (minutes in 01-075) and provided an electronic copy of his report in 01-106r0.

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

Ed Gardner reported on the activities of the SRP working group (minutes in 01-073 and 01-092). Ed reported that a new revision of SRP will be available later this month but not in time for the next committee mailing.

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

Ralph Weber reported work on SPC-3 will begin after this meeting, including efforts to incorporate a dozen or so approved changes. He noted that SPC-3 revision 0 will be equivalent to SPC-2 revision 19 and that approved changes will be incorporated in revision 1. He stated that a new schedule for SPC-3 will be presented in May.

**8.15 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.

**8.16 Object-based Storage Devices Commands (OSD) {Project 1355-D} [open]**

John Lohmeyer reported that there still is a call for an editor on OSD and no one has expressed interest. John noted that a liaison has been established by the NCITS H2 TC (see item 12.7).

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

Dave Peterson reported on the activities of the SSC-2 working group (minutes in 01-082).

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

Zane Daggett reported on the activities of the PIP working group (minutes in 01-074). (Also see agenda item 10.4).

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

Peter Johansson reported on the activities of the SBP-3 working group (minutes in 01-101) and provided an electronic copy of his report in 01-110r0. Peter said that a consensus exists within the group on isochronous facilities and he noted a need for commands in the anticipated RBC-2 (Reduced Block Commands - 2) project to handle "tracks". Coordination between SBP-3 and RBC-2 will be facilitated by meeting together.

# 9. Old Business

## 9.1 Five Year Reviews (01-037) [Lohmeyer]

John Lohmeyer reported that the following standards are up for 5-year review:

  o CAM X3.232:1996
  o SSA-TP1 X3.295:1996

o SSA-S2P X3.294:1996
o SSA-PH1 X3.293:1996
o FCP X3.269:1996
o SAM X3.270:1996

John Lohmeyer moved that T10 recommend 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.  Gary Robinson seconded the motion.  The motion passed on a vote of 32:0:1:13=46.

John Lohmeyer took an action item to 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.

# 10.  New Business

## 10.1 Actions on Parallel SCSI Working Group Recommendations

### 10.1.1   Proposal for Ultra320 AAF receiver input signal specification for SPI-4 (00-400r2) [Evans]

Mark Evans moved that 00-400r2 be approved for inclusion in SPI-4.  Paul Aloisi seconded the motion.

Bill Ham noted that there are two different sets of launch and receiver signal requirements with no clear way to decide between those requirements for the purpose of setting interconnect requirements.  In the absence of any other inputs, the PIP group will be forced to document two relatively independent sets of interconnect performance requirements.

The motion passed on a vote of 22:1:8:15=46.

### 10.1.2   Receiver Response Requirements (00-332r4) [Ham]

Bill Ham moved that 00-332r4 be approved for inclusion in SPI-4.  Mark Evans seconded the motion.  The motion passed on a vote of 19:2:10:15=46.

### 10.1.3   Corrections to SPI-4 Driving and Asserting SCSI Signals (01-096r1) [Moore]

Rob Elliott moved that 01-096r1 be approved for inclusion in SPI-4.  Paul Aloisi seconded the motion.  The motion passed on a vote of 22:0:8:16=46.

### 10.1.4   Floor Motions [Penokie]

George Penokie reviewed the following floor motions from the SPI-4 working group:

o [by Brian Day and Bruce Leshay] After reselection targets must release SEL for a minimum two deskew delays before asserting SEL as described in SPI-4 subclause 10.8.4.2.2.
o [by Bruce Leshay and George Penokie] In 10.5.4 add in a requirement that if ATN is asserted, then the target shall go to message out, receive all the message bytes, and the perform an unexpected bus free.

George noted that the working group unanimously approved both motions.

Mark Evans moved that the recommendations of the working group showed above be approved for inclusion in SPI-4.  Rob Elliott seconded the motion.  The motion passed on a vote of 23:0:9:14=46.

**10.2 Actions on CAP Working Group Recommendations**

**10.2.1   Making Target Reset optional in SAM-2 (01-015r2) [Elliott]**

Rob Elliott moved that 01-015r2 be approved for inclusion in SAM-2.  Cris Simpson seconded the motion.  The motion passed on a vote of 15:6:11:14=46.

**10.2.2   SAM-2 AER enable and disable requirement for protocols (01-061r2) [Elliott]**

Rob Elliott moved that 01-061r2 and 01-065r2 (see item 10.2.3) be approved for inclusion in SAM-2 and SPC-3, respectively.  Cris Simpson seconded the motion.  The motion passed on a vote of 25:0:4:17=46.

**10.2.3   SPC-3 VPD Page 83 Device Identifier rewrite (01-065r2) [Elliott]**

Inclusion of 01-065r2 in SPC-3 was approved under agenda item 10.2.2.

**10.3 Actions on Other Working Group Recommendations**

No working group recommendations were brought before the committee under this agenda item.

**10.4 Revised Project Proposal for SCSI Passive Interconnect Performance Standard (00-238r1) [Ham]**

Zane Daggett described the reasons for changing the PIP project from a technical report to a standard.

Zane Daggett moved that T10 recommend that the project proposal for project 1439-DT be replaced with 00-238r1 with the effect being that PIP is changed from a technical report project to a standards development project.  Paul Aloisi seconded the motion.  The motion passed on a vote of 26:1:2:17=46.  Mark Evans stated that his no vote was because his company would have to expend more resources to monitor a standards project vs. a technical report.

John Lohmeyer took an action item to notify NCITS that T10 recommends the replacement of the project proposal for project 1439-DT (PIP) with 00-238r1.

**10.5 Style Guide [Moore]**

Dennis Moore asked for volunteers to provide input for the proposed T10 document style guide.  He also offered style information such as it is available to anyone interested.

# 11.  ISO/IEC

**11.1 ISO/IEC Report [Robinson]**

Gray Robinson stated that the ISO report for this meeting is the ISO business in 11.2.

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

**11.2.1   Recommendation on FCD ballot (ISO/IEC FCD 14776-326) SCSI Reduced Block Commands (RBC)**

Gary Robinson reported on the following ISO/IEC question.

US TAG: NCITS/T10
SC:  25 N 624
Date Due to TAG Administrator: 04/02/01

Subject:  For FCD ballot, ISO/IEC FCD 14776-326: IT - Small Computer System Interface - Part 326: SCSI
Reduced Block Commands
SC/JTC 1 Due Date: 04/15/01

Gary Robinson moved that the IR be instructed to 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 Inter-
face - Part 326: SCSI Reduced Block Commands.  Bob Snively seconded the motion.  On a roll call vote, the
motion passed 33:1:0:12=46.  Details of the roll call vote were as follows:

| Organization | Stat | Name | Yes | No | Abs | NP |
|---|---|---|---|---|---|---|
| Adaptec, Inc. | P | Mr. Ron Roberts | 1 | | | |
| Amphenol Interconnect | | | | | | 1 |
| Ancot Corp. | P | Mr. Bart Raudebaugh | 1 | | | |
| BREA Technologies, Inc. | | | | | | 1 |
| Brocade Comm. Systems, Inc. | P | Mr. Robert Snively | 1 | | | |
| Circuit Assembly Corp. | P | Mr. Leroy Fong | | | | |
| Cisco Systems, Inc. | P | Mr. David Peterson | 1 | | | |
| CMD Technology | | | | | | 1 |
| Compaq Computer Corp. | P | Mr. Robert C. Elliott | 1 | | | |
| Congruent Software, Inc. | P | Mr. Peter Johansson | 1 | | | |
| Crossroads Systems, Inc. | P | Mr. Neil Wanamaker | 1 | | | |
| Dallas Semiconductor | | | | | | 1 |
| Dallas Semiconductor | | | | | | 1 |
| Dell Computer Corp. | | | | | | 1 |
| EMC | P | Mr. Gary S. Robinson | 1 | | | |
| Emulex | P | Mr. Robert H. Nixon | 1 | | | |
| ENDL Texas | P | Mr. Ralph O. Weber | 1 | | | |
| Exabyte Corp. | | | | | | 1 |
| FCI | P | Mr. Douglas Wagner | 1 | | | |
| Fujitsu | P | Mr. Eugene Lew | 1 | | | |
| General Dynamics | P | Mr. Nathan Hastad | 1 | | | |
| Genroco, Inc. | P | Mr. Donald Woelz | 1 | | | |
| Hewlett Packard Co. | A | Mr. Bill Hooper | 1 | | | |
| Hitachi Cable Manchester,Inc | P | Mr. Zane Daggett | 1 | | | |
| Honda Connectors | | | | | | 1 |
| IBM / Tivoli Systems | P | Mr. George O. Penokie | 1 | | | |
| Intel Corp. | P | Mr. Cris Simpson | 1 | | | |
| Iomega Corp. | P | Mr. Tim Bradshaw | 1 | | | |
| KnowledgeTek, Inc. | P | Mr. Dennis Moore | 1 | | | |
| LSI Logic Corp. | P | Mr. John Lohmeyer | 1 | | | |
| Maxtor Corp. | P | Mr. Pete McLean | 1 | | | |
| Microsoft Corp. | A# | Mr. Rob Haydt | 1 | | | |
| Molex Inc. | | | | | | 1 |
| Nishan Systems Inc. | P | Mr. Charles Monia | 1 | | | |
| Ophidian Designs | | | | | 1 | |
| Panasonic Technologies, Inc | P | Dr. Terence J. Nelson | 1 | | | |
| Philips Electronics/CD Edge | P | Mr. William P. McFerrin | 1 | | | |
| QLogic Corp. | | | | | | 1 |
| Quantum Corp. | P | Mr. Mark Evans | 1 | | | |
| Seagate Technology | P | Mr. Gerald Houlder | 1 | | | |
| Storage Technology Corp. | | | | | | 1 |
| Sun Microsystems, Inc. | P | Mr. Kenneth Moe | 1 | | | |
| Texas Instruments | P | Mr. Paul D. Aloisi | 1 | | | |
| Toshiba America Elec. Comp. | P | Mr. Tasuku Kasebayashi | 1 | | | |
| Troika Networks, Inc. | A | Mr. Rick Casaly | 1 | | | |
| AMP / Tyco Electronics | P | Mr. Charles Brill | 1 | | | |
| Woven Electronics | P | Mr. Doug Piper | | | 1 | |
| | | | 33 | 1 | 0 | 12 = 46 |

Gary Robinson took an action item to 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.

### 11.2.2   Recommendation on FCD ballot (ISO/IEC FCD 14776-362) Multimedia Commands (MMC-2)

Gary Robinson reported on the following ISO/IEC question.

US TAG: NCITS/T10
SC:  25 N 610
Date Due to TAG Administrator: 04/02/01
Subject:  For FCD ballot, ISO/IEC FCD 14776-362: IT - Small Computer System Interface (SCSI) - Part  362: Multimedia Commands (MMC-2)
SC/JTC 1 Due Date: 04/15/01

Gary Robinson moved that the IR be instructed to 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).  Bob Snively seconded the motion.  On a roll call vote, the motion passed 33:1:0:12=46.  Details of the roll call vote were the same as under item 11.2.1.

Gary Robinson took an action item to 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).

### 11.2.3   Recommendation on Answers to 6 Questions for NWIP and on CD ballot for ISO/IEC 14776-331, SCSI Stream Commands (SSC)

Gary Robinson reported on the following ISO/IEC question.

US TAG: NCITS/T10
SC:  25 N 678 Date Due to TAG Administrator: 03/15/01
Subject:  T10 Recommendation for Answers to 6 Questions for New Work Item Proposal, ISO/IEC 14776-331: IT - Small Computer System Interface (SCSI) - Part 331: Stream Commands (SSC)
SC/JTC 1 Due Date: 03/31/01

Gary Robinson moved thatthe IR be instructed to 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. T10 also instructs its IR to 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. In addition T10 document SSC-rev 22 will be forwarded to the JTC1 TAG for further processing as a CD. Bob Snively seconded the motion.  On a roll call vote, the motion passed 33:1:0:12=46.  Details of the roll call vote were the same as under item 11.2.1.

Continuing on the topic of SSC, Gary Robinson reported on the following ISO/IEC question.

Gary Robinson took an action item to 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.

Gary Robinson took an action item to 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.

Gary Robinson took an action item to forward SSC revision 22 to the JTC1 TAG for further processing as a CD.

US TAG: NCITS/T10
SC:  25 N 679
Date Due to TAG Administrator: 03/15/01
Subject:  For CD ballot, ISO/IEC CD 14776-331: IT - Small Computer System Interface (SCSI) - Part  331: Stream Commands (SSC)
SC/JTC 1 Due Date: 03/31/01

Gary Robinson moved that the IR be instructed to 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).    Bob Snively seconded the motion.  On a roll call vote, the motion passed 33:1:0:12=46.  Details of the roll call vote were the same as under item 11.2.1.

Gary Robinson took an action item to 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).

### 11.2.4   List of Delegates to JTC 1/SC25 Plenary and meetings of its WGs

Gary Robinson reported on the following ISO/IEC question.

US TAG: NCITS/T10
SC: 25  N 673
Date Due to TAG Administrator: 07/27/01
Subject:  Request for List of U.S. Delegates to JTC 1/SC25 Plenary, 2001-08-31 and meetings of its WGs, 2001-08-27/30, PT SOHO, 2001-08-23-25
SC/JTC 1 Due Date: 07/30/01

Gary Robinson moved that T10 recommend the following list of delegates to the JTC1/SC25 and WG4 meeting the last week of August 2001 in Germany.

  o  Gary S Robinson EMC$^2$ Corporation.

Bob Snively seconded the motion.  On a roll call vote, the motion passed 33:1:0:12=46.  Details of the roll call vote were the same as under item 11.2.1.

### 11.2.5   Recommendation on FCD ballot (ISO/IEC FCD 14776-321) SCSI-3 Block Commands (SBC)

Gary Robinson reported on the following ISO/IEC question.

US TAG: NCITS/T10
SC:  25 N 631
Date Due to TAG Administrator: 02/28/01 (Due Date extended to March 9, 2001)
Subject:  For FCD ballot, ISO/IEC FCD 14776-321: Small Computer System Interface - Part 321: Block Commands (SCSI-3 SBC)
SC/JTC 1 Due Date: 02/28/01

Gary Robinson moved that the IR be instructed to 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).    Bob Snively seconded the motion.  On a roll call vote, the motion passed 33:1:0:12=46.  Details of the roll call vote were the same as under item 11.2.1.

Gary Robinson took an action item to 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).

## 12. Liaison Reports

### 12.1 T11 Liaison Report [Wanamaker]

Neil Wanamaker reported on the activities of the T11 committee and provided the following electronic report for the minutes.

> T11 last met on Feb. 8 in Huntington Beach, CA T11 last met on Feb. 8 in Huntington Beach, CA
> 68 in attendance; membership 69
> Letter ballot on FC-SW-2 passed 53:0:5:13, 10 yes with comments
> Voted to recommend reaffirmation of HIPPI-PH, FC-PH-AM-1, FC-FG, FC-AL, HIPPI-FC
> Voted to recommend withdrawal of FC-GS, FC-SB
> Motion to withdraw FC-LE failed to carry; LB in progress
> Voted to return HIPPI-6400-OPT to T11.1
> FC-VI, FC-FS in LB
> FC-DA PP forwarded to NCITS
> FC-SB-2 forwarded to ISO
> Next meeting April 12 in Toronto, ON.

### 12.2 T13 Liaison Report [McLean]

Pete McLean reported to the committee and provided the following electronic report for the minutes:

> T13 met last in Austin, TX,  February 20 through 22, 2001 with 28 people present. Membership is now at 24 voting organizations.

> NCITS has issued a Call for Volunteers - Chairman T13 to replace Gene Milligan. Anyone interested can access it on the home page at www.t13.org.

> ATA/ATAPI-5, NCITS. 340-2001, has been published.

> Protected Area Run Time Interface Extension, NCITS.346-200x, completed public review without comments and is now at NCITS letter ballot.

> BIOS Enhanced Disk Drive Services (EDD), NCITS.347-200x, is currently in NCITS public review.

> Address Offset Reserved Area Boot, NCITS TR-27, is up for NCITS approval in April.

> The project proposal for BIOS Enhanced Disk Drive Services - 2 (EDD-2) has been approved as project 1484D.

> ATA-2, X3.279-1996, has been withdrawn.

> The next plenary will be held April 24 through 26, 2001 hosted by Seagate Technology in Longmont, Colorado. No ad hoc meetings are scheduled.

> The T13 web site is at www.t13.org; the FTP site, at ftp.t13.org. The committee has a temporary reflector at t13@tgi.com. To join the temporary reflector send mail to hlandis@attglobal.net.

**12.3 SFF Industry Group [Allan]**

In the absence of Dal Allan no report was available.  Bill Ham reported that the SFF web site is www.sffcommittee.com and that document 8000 contains a list of SFF specifications.

**12.4 IEEE 1394 [Johansson]**

Peter Johansson provided the following electronic report for the minutes:

> IEEE P1394b, chaired by David Wooten (David.Wooten@IEEE.org), is in BRC after its first sponsor ballot. The BRC has reached consensus on technical resolutions and hopes to complete the editorial work necessary for a recirculation ballot in the very near future.

> At its final meeting, the IEEE P1394.1 working group (High Performance Serial Bus Bridges) voted to forward a draft to the IEEE for sponsor ballot. The IEEE is in the process of forming a ballot group; the working group Chair, Peter Johansson (PJohansson@ACM.org), anticipates that the IEEE will commence sponsor ballot within the next 6 - 8 weeks.

> Peer to Peer Data Transport (PPDT), a protocol based upon SBP-2, is still in its BRC process. The IEEE P1394.3 Chair, Greg LeClair, has asked that Peter Johansson assume the role of ballot coordinator and arrange BRC meetings to complete the process as soon as possible.

> The 1394 Trade Association has formed a new working group to investigate "wireless 1394", in particular the use of IEEE P802.11e. A European group, ETSI, has already completed a specification that addresses "wireless 1394" as transported by HiperLAN 2. The Chair of the 1394 Trade Association is Steve Bard, Steve.Bard@Intel.com.

> URLs of interest for these projects are:

> http://www.zayante.com/p1394b/
> http://grouper.ieee.org/groups/1394/1/index.html
> http://www.pwg.org/p1394/index.html
> http://www.1394ta.org/

**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 01-107r0.

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

In the absence of David Black and Gary Robinson, no report was available.  Ralph Weber noted that the next IETF meeting is in Minneapolis, MN on 18-23 March.  The IETF IPS working group is working to hold co-located meetings with T10 in April/May in Nashua, NH.

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

John reported that NCITS H2 has appointed Keith Hare as a liaison to T10.  They are particularly interested in the OSD project as concerns their SQL language.  Keith's contact data are:

```
Keith W. Hare                    JCC Consulting, Inc.
keith@jcc.com                    600 Newark Road
Phone: 740-587-0157              P.O. Box 381
Fax: 740-587-0163                Granville, Ohio 43023
http://www.jcc.com               USA
```

## 13. Review of Action Items

406) John Lohmeyer will forward FCP-2 revision 7 to NCITS for processing toward first public review.
407) John Lohmeyer will forward SPC-2 revision 19 to NCITS for processing toward first public review.
408) John Lohmeyer will conduct a letter ballot regarding forwarding of MMC-3 revision 9 to public review.
409) Bill McFerrin will inform the T10 reflector that a request to close the RMC project will be made at the May T10 meeting.
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.
411) John Lohmeyer will notify NCITS that T10 recommends the replacement of the project proposal for project 1439-DT (PIP) with 00-238r1.
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.
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).
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.
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.
416) Gary Robinson will forward SSC revision 22 to the JTC1 TAG for further processing as a CD.
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).
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).

## 14. Meeting Schedule

The next plenary meeting of T10 will be May 3, 2001 in Nashua, NH at the Sheraton Nashua Hotel (603-888-9970), hosted by Hitachi Cable Manchester.  The meeting will begin at 9:00 a.m. on Thursday.

The meeting list for the next plenary week is:

```
                         May '01 Meeting Map
                        (2001/03/08 Version)
Monday 4/30          9   10  11  12  1   2   3   4   5   6   7   8   9
                     +=========+============================+
                     | SSC-2 WG /       | SAM-2 Editors     |   (20)
                     +=========+=========================+==========+

Tuesday 5/1      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)
                     +===============================+

Wednesday 5/2        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/Plenary|       (15)
                     +-------------+    +----------------+

Thursday 5/3         9   10  11  12  1   2   3   4   5   6   7   8
                     +===============+===================+
                     | T10 Plenary   / OSD/SRP WG  (*)   |       (50)
                     +==========+=====+=========+==========+
                               | STA Marcom  |               (15)
                               +-------------+
 (*) - Meeting begins 1 hour after T10 meeting

Friday 5/4       8   9   10  11  12  1   2   3   4   5
                    +---------------------------+
                    | SCSI Trade Association (STA)|          (25)
                    +-+=================+=======+
                    | 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
--------------   -----------------  ------------------------------------
SDV WG           3/26-27/01         Milpitas, CA / Roberts
Assym. Teleconf  3/30 10:00 am PST  Moe
PIP WG           4/3-4/01           Westboro, MA / Madison Cable
SSM WG           4/4-5/01           Westboro, MA / Madison Cable
SST WG           4/11/01            Toronto, ONT / T11
SBP-3 WG         4/26-27/01         Portland, OR
SBP-3 WG         6/4-8/01           Toronto, Canada
SST WG           6/6/01             Minneapolis, MN / T11
PIP WG           6/12-13/01         Wallingford, CT / Amphenol
SSM WG           6/13-14/01         Wallingford, CT / Amphenol
Meetings below here are tentative dates - not approved yet
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
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:

```
Activity                       Contact         Telephone/Email
---------------------------- --------------- -------------------------------
EPI                            Bill Ham        (508) 841-2629
                                               bill.ham@digital.com
FCP-2, SES                     Robert Snively  (408) 487-8135
                                               rsnively@brocade.com
SBC, SBC-2                     open

MMC-2, MMC-3, RMC              Bill McFerrin   (303) 651-5400
                                               BMcFerrin@aol.com
SBP-2 or RBC                   Pete McLean     (303) 678-2149
                                               pete_mclean@maxtor.com
SBP-2, SBP-3                   Peter Johansson (510) 527-3926
                                                PJohansson@ACM.org
SCC-2, SPI-3, SPI-4            George Penokie  (507) 253-5208
                                               gpenokie@tivoli.com
SDV                            Ron Roberts     (408) 957-5640
                                               Ron_Roberts@adaptec.com
SMC, SMC-2                     Erich Oetting   (303) 673-2178
                                               Erich_Oetting@Stortek.com
SPC-2, SPC-3, SAM-2            Ralph Weber     (214) 912-1373
                                               roweber@acm.org
SSC, SSC-2                     Dave Peterson   (612) 391-1008
                                               dap@network.com
SSM                            Larry Barnes    (719) 533-7432
                                               larry.barnes@lsil.com
SRP (was SVP)                  Ed Gardner      (719) 593-8866
                                               eag@ophidian.com
Other Activities               John Lohmeyer   (719) 533-7560
                                               lohmeyer@t10.org
```

The long-term T10 meeting week schedule is:

```
Date               Location                 Host/Comments
------------------ ------------------------ -----------------------------
Apr 30-May 4, 2001 Nashua, NH               Hitachi Cable
Jul 16-20, 2001    Colorado Springs, CO     LSI Logic
Sep 10-14, 2001    Huntington Beach, CA     QLogic
Nov  5-9, 2001     Monterey, CA             Adaptec
The dates below are approved, the locations and hosts are tentative
Jan 14-18, 2002    Houston, TX              Compaq
Mar 11-15, 2002    Dallas, TX               T.I.
May  6-10, 2002    Ottawa, Ontario, Canada  Quantum {tentative}
Jul 15-19, 2002    Colorado Springs, CO     LSI Logic
Sep  9-13, 2002    Bay Area                 Adaptec
Nov  4-8, 2002     Huntington Beach, CA     QLogic
The dates below are proposed; T11 proposed meeting dates are shown for reference:
Jan 13-17, 2003    T11: Feb 3-7
Mar 10-14, 2003    T11: Apr 7-11
May 5-9, 2003      T11: Jun 2-6
Jul 14-18, 2003    T11: Aug 4-8
Sep 8-12, 2003     T11: Oct 6-10
Nov 3-7, 2003       T11: Dec 1-5
```

John Lohmeyer moved that T10 accept the 2002 meeting dates and locations with the exception of May 2002.  Ron Roberts seconded the motion.  The motion passed on a vote of 34:0:0:12=46.

**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.

Mark Evans moved that T10 authorize the T10-related meetings and events in the list above that had not previously been approved through the end of June 2001.  Ron Roberts seconded the motion.  In the absence of any objections, the motion passed unanimously.

# 15.  Adjournment

The meeting was adjourned at 12:15 p.m. on Thursday March 8, 2001.

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

```
        Name            S      Organization        Electronic Mail Address
----------------------  --  ------------------------  ------------------------
Mr. Ron Roberts         P   Adaptec, Inc.            Ron_Roberts@adaptec.com
Mr. Charles Brill       P   AMP / Tyco Electronics   cebrill@ix.netcom.com
Mr. Bill Mable          P   Amphenol Interconnect    mableaipc@aol.com
Mr. Bart Raudebaugh     P   Ancot Corp.              bart@ancot.com
Mr. Robert Snively      P   Brocade Comm. Systems,   rsnively@brocade.com
                            Inc.
Mr. David Peterson      P   Cisco Systems, Inc.      dap@cisco.com
Mr. Robert C. Elliott   P   Compaq Computer Corp.    Robert.Elliott@compaq.com
Dr. William Ham         A   Compaq Computer Corp.    bill_ham@ix.netcom.com
Mr. Peter Johansson     P   Congruent Software, Inc. PJohansson@ACM.org
Mr. Neil Wanamaker      P   Crossroads Systems, Inc. ntw@crossroads.com
Mr. Titkwan Hui         A   Dallas Semiconductor     tk.hui@dalsemi.com
Mr. Gary S. Robinson    P   EMC                      robinson_gary@emc.com
Mr. Robert H. Nixon     P   Emulex                   bob.nixon@emulex.com
Mr. Ralph O. Weber      P   ENDL Texas               roweber@acm.org
Mr. Douglas Wagner      P   FCI                      dwagner@fciconnect.com
Mr. Eugene Lew          P   Fujitsu                  elew@fcpa.fujitsu.com
Mr. Nathan Hastad       P   General Dynamics         nathan.j.hastad@gd-is.com
Mr. Donald Woelz        P   Genroco, Inc.            don@genroco.com
Mr. Bill Hooper         A   Hewlett Packard Co.      bill_hooper@hp.com
Mr. Zane Daggett        P   Hitachi Cable Manchester, zdaggett@hcm.hitachi.com
                            Inc
Mr. Thomas J. Kulesza   P   Honda Connectors         tkulesza@hondaconnectors.
                                                     com
Mr. George O. Penokie   P   IBM / Tivoli Systems     gpenokie@tivoli.com
Dr. Jim Hafner          V   IBM Corp.                hafner@almaden.ibm.com
Mr. Cris Simpson        P   Intel Corp.              cris.simpson@intel.com
Mr. Tim Bradshaw        P   Iomega Corp.             bradshat@iomega.com
Mr. Dennis Moore        P   KnowledgeTek, Inc.       dmoore@ix.netcom.com
Mr. John Lohmeyer       P   LSI Logic Corp.          lohmeyer@t10.org
Mr. Pete McLean         P   Maxtor Corp.             pete_mclean@maxtor.com
Mr. Rob Haydt           A#  Microsoft Corp.          robhay@microsoft.com
Mr. Charles Monia       P   Nishan Systems Inc.      cmonia@nishansystems.com
Mr. Edward A. Gardner   P   Ophidian Designs         eag@ophidian.com
Mr. Andy Green          V   Oxford Semiconductor Ltd. andy.green@oxsemi.com
Dr. Terence J. Nelson   P   Panasonic Technologies,  terry@tjnelson.com
                            Inc
Mr. William P.          P   Philips Electronics/CD   bill.mcferrin@cdedge.com
McFerrin                    Edge
Mr. Skip Jones          P   QLogic Corp.             sk_jones@qlc.com
Mr. Mark Evans          P   Quantum Corp.            mark.evans@quantum.com
Mr. Gerald Houlder      P   Seagate Technology       gerry_houlder@seagate.com
Mr. Kenneth Moe         P   Sun Microsystems, Inc.   kenneth.moe@sun.com
Mr. Paul D. Aloisi      P   Texas Instruments        Paul_Aloisi@ti.com
Mr. Donald R. Getty     A#  Texas Instruments        donald_getty@ti.com
Mr. Tasuku Kasebayashi  P   Toshiba America Elec.    task.kasebayashi@taec.
                            Comp.                    toshiba.com
Mr. Rick Casaly         A   Troika Networks, Inc.    rcasaly@troikanetworks.
                                                     com
Mr. Ron Mathews         AV  UNISYS Corporation       ronald.mathews@unisys.com


43 People Present


Status Key:  P   - Principal
             A,A# - Alternate
```

```
AV  -  Advisory Member
L   -  Liaison
V   -  Visitor
```

**Enclosure(2) --  T10 Attendance Database**
     Generated on 2001/03/08 at 18:08:29

Mr. Ron Roberts  (P)                Phone: (408) 957-5640
Adaptec, Inc.                         Fax: (530) 677-1218
691 S. Milpitas Blvd.               Email: Ron_Roberts@adaptec.com
Milpitas, CA 95035


Mr. Ram Rangarajan  (AV)            Phone: (408) 383-5719
Advansys                              Fax: (408) 383-9612
1150 Ringwood Ct.                   Email: rrangarajan@advansys.com
San Jose, CA 95131


Mr. Steven P. Ego  (AV)             Phone: (512) 258-2303
Aeronics Inc.                         Fax: (512) 258-4392
12741 Research Blvd #500            Email:
Austin, TX 78759


Mr. Litko Chan  (AV)                Phone: (408) 970-3020
Agilent Technologies                  Fax:
3175 Bowers Ave., MS 88R           Email: lito_chan@agilent.com
Santa Clara, CA 95054


Mr. Matt Wakeley  (AV)              Phone: (916) 788-5670
Agilent Technologies                  Fax:
1101 Creekside Ridge Dr #100       Email: matt_wakeley@agilent.com
P.O. Box 619051
Roseville, CA 95661-9051

Mr. Charles Brill  (P)              Phone: (717) 986-6489
AMP / Tyco Electronics                Fax: (717) 520-9090
112 Harvey Rd.                     Email: cebrill@ix.netcom.com
Hershey, PA 17033


Ms. Bonnie Rose  (AV)               Phone: (416) 291-4401 x2239
Amphenol Canada Corp.                 Fax: (416) 292-0647
20 Melford Dr.                     Email: brose@cosmosgroup.com
Scarboraugh, Ontario
Canada M1B 2X6

Mr. Bill Mable  (P)                 Phone: (607) 786-4287
Amphenol Interconnect                 Fax: (607) 786-4311
20 Valley St.                      Email: mableaipc@aol.com
Endicott, NY 13760


Mr. Michael Wingard  (A)            Phone: (607) 786-4241
Amphenol Interconnect                 Fax: (607) 786-4311
20 Valley St.                      Email: mikwingard@aol.com
Endicott, NY 13760


Mr. Bart Raudebaugh  (P)            Phone: (415) 322-5322
Ancot Corp.                           Fax: (415) 322-0455

```
115 Constitution Dr.              Email: bart@ancot.com
Menlo Park, CA 94025


Mr. Harlan Andrews  (AV)          Phone: (408) 974-6430
Apple Computer                      Fax: (408) 862-7577
6 Infinite Loop  MS 306-2MS       Email: hea@apple.com
Cupertino, CA. 95014


Mr. James R. Bergsten  (AV)       Phone: (408) 260-5900
Ark Research Corp.                  Fax: (408) 260-5908
1190 Saratoga Ave.  #110          Email: bergsten@arkres.com
San Jose, CA 95129-3433


Mr. Bill Galloway  (P)            Phone: (281) 530-3063
BREA Technologies, Inc.             Fax: (281) 988-0358
14902 Mesita Dr.                  Email: billg@breatech.com
Houston, TX 77083


Mr. Robert Snively  (P)           Phone: (408) 487-8135
Brocade Comm. Systems, Inc.         Fax: (408) 392-6676
1745 Technology Drive             Email: rsnively@brocade.com
San Jose, CA 95110


Mr. Joseph Basista  (AV)          Phone: (607) 687-1044
C&M Corp.                           Fax: (607) 687-7534
49 Middle Road                    Email: joebasista@aol.com
Owego, NY 13827


Mr. Gerry Johnsen  (AV)           Phone: (612) 551-4000
Ciprico Inc.                        Fax: (612) 551-4002
2800 Campus Dr. Suite 60          Email: gerry@ciprico.com
Plymouth, MN 55441


Mr. Leroy Fong  (P)               Phone: (949) 855-7887
Circuit Assembly Corp.              Fax: (949) 837-8660
18 Thomas St.                     Email: leroyf@circuitassembly.com
Irvine, CA 92618


Mr. Ian Morrell  (AV)             Phone: (949) 598-1780
Circuit Assembly Corp.              Fax: (949) 855-4298
18 Thomas St.                     Email: ianm@circuitassembly.com
Irvine, CA 92718-2703


Mr. Ben Chang  (AV)               Phone: (510) 226-2394
Cirrus Logic Inc.                   Fax:
3100 W. Warren Ave.               Email: ben@corp.cirrus.com
Fremont, Ca 94538


Mr. David Peterson  (P)           Phone: (612) 802-3299
```

```
Cisco Systems, Inc.                 Fax: (763) 398-1001
6450 Wedgwood Road               Email: dap@cisco.com
Maple Grove, MN 55311


Mr. Edward Haske   (P)           Phone: (949) 454-0800
CMD Technology                     Fax: (949) 455-1656
1 Vanderbilt                     Email: haske@cmd.com
Irvine, CA 92718


Mr. Robert C. Elliott  (P)       Phone: (281) 518-5037
Compaq Computer Corp.              Fax: (281) 518-7135
MS 120810                        Email: Robert.Elliott@compaq.com
PO Box 692000
Houston, TX 77269-2000

Dr. William Ham  (A)             Phone: (978) 828-9102
Compaq Computer Corp.              Fax: (508) 841-5266
SHR3-2/W04                       Email: bill_ham@ix.netcom.com
334 South Street
Shrewsbury, MA 01545

Mr. Peter Johansson  (P)         Phone: (510) 527-3926
Congruent Software, Inc.           Fax: (510) 527-3856
98 Colorado Avenue               Email: PJohansson@ACM.org
Berkeley, CA 94707


Mr. Neil Wanamaker  (P)          Phone: (512) 928-7227
Crossroads Systems, Inc.           Fax: (512) 928-7402
8300 North MoPac Expressway      Email: ntw@crossroads.com
Austin, TX 78759


Mr. John Tyndall  (A)            Phone:
Crossroads Systems, Inc.           Fax:
8300 North Mopac Expressway      Email: jtyndall@crossroads.com
Austin, TX 78749


Mr. Charles Tashbook  (P)        Phone: (972) 371-4110
Dallas Semiconductor               Fax: (972) 371-3715
4401 S. Beltwood Pkwy.           Email: charles.tashbook@dalsemi.com
Dallas, TX 75244-3292


Mr. Titkwan Hui  (A)             Phone: (972) 371-4340
Dallas Semiconductor               Fax: (972) 371-4370
4401 S. Beltwood Pkwy.           Email: tk.hui@dalsemi.com
Dallas, TX 75244-3292


Mr. Bill Anderson  (AV)          Phone: (408) 980-8344
DDK Electronics                    Fax: (408) 980-9750
3001 Oakmead Village Dr.         Email: bill_anderson@ddkconnectors.com
Santa Clara, CA 95051
```

Mr. Ronald Stockford  (P)          Phone: (512) 728-2636
Dell Computer Corp.                  Fax: (512) 289-1111
One Dell Way                       Email: ron_stockford@dell.com
MS 8530
Round Rock, TX 78682


Mr. Kevin Marks  (A)               Phone: (512) 723-8784
Dell Computer Corp.                  Fax: (512) 723-6657
One Dell Way                       Email: kevin_marks@dell.com
Round Rock, TX 78682


Mr. James Benfer  (AV)             Phone: (301) 498-0200
Digi-Data Corp.                      Fax:
8580 Dorsey Run Road               Email:
Jessup, MD 20794


Mr. Robert Reisch  (AV)            Phone: (716) 588-0573
Eastman Kodak Co.                    Fax: (716) 588-2624
460 Buffalo Road                   Email: reisch@kodak.com
Rochester, NY 14652-3816


Mr. Terry Maezawa  (AV)            Phone: (404) 487-5815
Electronic&Ind. Enterprises          Fax:
Suite 216                          Email:
21 Eastbrook Bend
Peachtree City, GA 30269


Mr. Gary S. Robinson  (P)          Phone: (508) 435-1000 x21610
EMC                                  Fax:
228 South St.                      Email: robinson_gary@emc.com
Hopkinton, MA 01748


Mr. David Black  (A)               Phone: (508) 435-1000 x75140
EMC Corp.                            Fax: (508) 497-6909
42 South St.                       Email: black_david@emc.com
Hopkinton, MA 01748


Mr. Robert H. Nixon  (P)           Phone: (714) 513-8117
Emulex                               Fax: (714) 513-8265
3535 Harbor Blvd                   Email: bob.nixon@emulex.com
Costa Mesa, CA 92626


Mr. I. Dal Allan  (A)              Phone: (408) 867-6630
ENDL                                 Fax: (408) 867-2115
14426 Black Walnut Ct.             Email: endlcom@acm.org
Saratoga, CA 95070


Mr. Ralph O. Weber  (P)            Phone: (214) 912-1373
ENDL Texas                           Fax: (972) 596-2775
Suite 102#178                      Email: roweber@acm.org
18484 Preston Rd.
Dallas, TX 75252

```
Mr. Alan Johnson  (AV)             Phone:
Eurologic Systems Ltd.               Fax: 43 53 1 206 1200
South County Business Park         Email: ajohnson@eurologic.com
Leopardstown
County Dublin Ireland

Mr. Mike Taylor  (P)               Phone: (303) 417-7235
Exabyte Corp.                        Fax: (303) 417-7829
1685 38th Street                   Email: miketa@exabyte.com
Boulder, CO 80301


Mr. Tom Jackson  (A)               Phone: (303) 417-7761
Exabyte Corp.                        Fax:
1685 38th Street                   Email: tomj@exabyte.com
Boulder, CO 80301


Mr. Douglas Wagner  (P)            Phone: (805) 498-0325
FCI                                  Fax: (805) 498-0702
472 Delwood Ct.                    Email: dwagner@fciconnect.com
Newbury Park, CA 91320-4819


Mr. Jim Koser  (A)                 Phone: (717) 938-7679
FCI                                  Fax: (717) 938-7991
825 Old Trail Road                 Email: jkoser@fciconnect.com
Etters, PA 17319


Mr. Julian Ferry  (AV)             Phone: (717) 502-0784
Foxconn I/O                          Fax: (717) 502-1474
140 Coffeetown Rd.                 Email: julferry@aol.com
Dillsburg, PA 17019


Mr. Stephen Jarvis  (AV)           Phone: (714) 890-8628 x230
Foxconn I/O                          Fax: (714) 892-8668
6125 Phyllis Drive                 Email: s.jarvis@foxconn.com
Cypress, CA 90630


Mr. Don Soracco  (AV)              Phone: (978) 649-9997
Foxconn I/O                          Fax: (978) 649-9797
60 Pond St.                        Email:
Dunstable, MA 01827


Mr. Eugene Lew  (P)                Phone: (408) 894-3874
Fujitsu                              Fax:
2904 Orchard Pkwy                  Email: elew@fcpa.fujitsu.com
San Jose, CA 95134


Mr. Ben-Koon Lin  (A)              Phone: (408) 894-3979
Fujitsu                              Fax: (408) 894-3908
2904 Orchard Pkwy.                 Email: blin@fcpa.fujitsu.com
San Jose, CA 95134
```

Mr. Mike Fitzpatrick  (AV)          Phone: (405) 755-7177
Fujitsu                               Fax: (405) 755-8073
2904 Orchard Pkwy.                  Email: mfitzpatrick@fcpa.fujitsu.com
San Jose, CA 95134


Mr. Kazuo Nakashima  (AV)           Phone: (408) 894-3849
Fujitsu Computer Products,Am          Fax: (408) 894-3907
2904 Orchard Parkway                Email: knakashima@fcpa.fujitsu.com
San Jose, CA 95134


Mr. Bob Thornton  (AV)              Phone: (408) 745-4932
Fujitsu Takamisawa America            Fax: (408) 745-4971
250 E. Caribbean Dr.               Email: bthornto@fta.fujitsu.com
Sunnyvale, CA 94089


Mr. Nathan Hastad  (P)              Phone: (952) 921-6635
General Dynamics                      Fax: (952) 921-6345
8800 Queen Ave. S.                 Email: nathan.j.hastad@gd-is.com
Bloomington, MN 55431


Mr. Tim Mackley  (A)                Phone: (952) 921-6866
General Dynamics                      Fax:
8800 Queen Ave. S.                 Email: timothy.a.mackley@gd-is.com
Bloomington, MN 55431


Mr. Donald Woelz  (P)               Phone: (262) 644-2505
Genroco, Inc.                         Fax: (262) 644-6667
255 Info Highway                   Email: don@genroco.com
Slinger, WI 53086


Mr. Pak Chan  (AV)                  Phone: (408) 481-3030
Gigalabs Inc.                         Fax: (408) 481-3045
290 Santa Ana Court                Email: pchan@giglabs.com
Sunnyvale, CA 94086


Ms. Liza Hunt  (XO)                 Phone:
Global Engineering Documents          Fax:
15 Inverness Way East              Email:
Englewood, CO 80112-5704


Mr. Rodger Burke  (AV)              Phone: (847) 741-1500 x286
Harting, Inc. of N. America           Fax: (847) 741-8257
1370 Bowes Road                    Email: Rodger.Burke@harting.com
Elgin, IL 60123


Mr. Randy Haagens  (P)              Phone: (916) 785-4578
Hewlett Packard Co.                   Fax: (916) 785-0391
8000 Foothills Blvd. MS 5668       Email: randy_haagens@hp.com

Roseville, CA 95747

Mr. Bill Hooper  (A)              Phone: (916) 785-5135
Hewlett Packard Co.               Fax: (916) 785-4176
8000 Foothills Blvd.              Email: bill_hooper@hp.com
Roseville, CA 95747


Mr. Chuck Rice  (A#)              Phone: (360) 212-0348
Hewlett Packard Co.               Fax:
18110 SE 34th Street              Email: chuck_rice2@vcd.hp.com
Vancouver, WA 98683


Mr. Brad Culp  (AV)               Phone: (970) 350-4592
Hewlett Packard Co.               Fax: (970) 352-3524
700 71st. Ave.                    Email: brad-culp@hp.com
Greeley, CO 80631


Mr. Steve Krupa  (AV)             Phone:
Hewlett Packard Co.               Fax:
Filton Road                       Email:
Stoke Gifford
Bristol BS12 6QZ England

Mr. Zane Daggett  (P)             Phone: (603) 669-4347 x236
Hitachi Cable Manchester,Inc      Fax: (603) 669-9621
900 Holt Ave.                     Email: zdaggett@hcm.hitachi.com
Manchester, NH 03109


Mr. Robert Canniff  (A)           Phone: (603) 669-4347
Hitachi Cable Manchester,Inc      Fax: (603) 669-9621
900 Holt Ave.                     Email: rcanniff@hcm.hitachi.com
Manchester, NH 03109-5604


Mr. Hitoshi Ogawa  (AV)           Phone: 1181-45881-1241
Hitachi Ltd.                      Fax: 1181-45860-1674
Systems Development Lab           Email: hogawa@yokolab.sdl.hitachi.co.jp
292 Yoshida-Cho
Yokohama-Shi 244 Japan

Mr. Anthony Yang  (AV)            Phone: (408) 941-7048
Hitachi Storage Products          Fax: (408) 946-1062
1971 Milmont Drive                Email: anthony.yang@hal.hitachi.com
Milpitas, CA 95035


Mr. Thomas J. Kulesza  (P)        Phone: (847) 913-9566
Honda Connectors                  Fax: (847) 913-9587
960 Corporate Woods Parkway       Email: tkulesza@hondaconnectors.com
Vernon Hill, IL 60061


Mr. Terry Enright  (A)            Phone: (847) 913-9566
Honda Connectors                  Fax: (847) 913-9587

960 Corporate Woods Parkway       Email:
Vernon Hill, IL 60061


Mr. George O. Penokie  (P)        Phone: (507) 253-5208
IBM / Tivoli Systems                Fax: (507) 253-2880
MS 2C6                            Email: gpenokie@tivoli.com
3605 Highway 52 N.
Rochester, MN 55901


Mr. John P. Scheible  (A)         Phone: (512) 823-8208
IBM Corp.                           Fax: (512) 823-0758
Bldg 815 MS 4051                  Email: Scheible@vnet.ibm.com
11400 Burnett Rd.
Austin, TX 78758


Mr. Robert Basham  (AV)           Phone: (520) 799-4923
IBM Corp.                           Fax:
65U/031-Z                         Email: robbyb@us.ibm.com
9000 S. Rita Rd.
Tucson, AZ 85744


Mr. Bill Troop  (AV)              Phone: (919) 254-2695
IBM Corp.                           Fax:
3039 Cornwallis Rd.               Email: troop@us.ibm.com
MS: FROA/B205
RTP, NC 27709


Mr. Cris Simpson  (P)             Phone: (503) 677-7094
Intel Corp.                         Fax: (503) 677-6446
5200 N.E. Elam Young Pkwy.        Email: cris.simpson@intel.com
CO3-206
Hillsboro, OR 97124-6497


Mr. Tim Bradshaw  (P)             Phone: (801) 332-4262
Iomega Corp.                        Fax: (801) 778-4170
1821 Iomega Way                   Email: bradshat@iomega.com
Roy, UT 84067


Mr. Darrell Redford  (A)          Phone: (801) 778-4432
Iomega Corp.                        Fax: (801) 778-4170
1821 West Iomega Way              Email: redfordd@iomega.com
Roy, UT 84067


Mr. David L. Jolley  (A#)         Phone: (801) 778-3641
Iomega Corporation                  Fax: (801) 778-5261
1821 West Iomega Way              Email: jolley@iomega.com
Roy, UT 84067


Mr. Dennis Moore  (P)             Phone: (303) 465-1800
KnowledgeTek, Inc.                  Fax: (303) 426-1350
7230 West 119th Pl, Suite C       Email: dmoore@ix.netcom.com
Broomfield, CO 80020


Mr. Hayden Smith  (AV)            Phone: (650) 969-4428

```
Lasercard Systems Corp.            Fax: (650) 967-6524
2644 Bayshore Parkway              Email: hsmith@lasercard.com
Mountain View, CA 94043


Mr. Louis Grantham  (AV)           Phone: (972) 396-7002
Linfinity Micro                     Fax: (972) 396-7533
101 W. McDermott                   Email: lgrantham@linfinity.com
Allen, TX 75013


Mr. John Lohmeyer  (P)             Phone: (719) 533-7560
LSI Logic Corp.                     Fax: (719) 533-7183
4420 ArrowsWest Dr.                Email: lohmeyer@t10.org
Colorado Springs, CO 80907


Mr. William Petty  (A)             Phone: (719) 533-7461
LSI Logic Corp.                     Fax: (719) 533-7180
4420 ArrowsWest Dr.                Email: william.petty@lsil.com
Colorado Springs, CO 80907


Ms. Jie Fan  (A)                   Phone: (508) 752-2884 x306
Madison Cable Corp.                 Fax: (508) 752-4230
125 Goddard Memorial Dr.           Email: jie.fan@madisoncable.com
Worchester, MA 01603


Mr. Chuck Grant  (A#)              Phone: (508) 752-2884 x725
Madison Cable Corp.                 Fax: (508) 752-4230
125 Goddard Memorial Drive         Email: cgrant@madisoncable.com
Worcester, MA 01603


Mr. Michael Karg  (A#)             Phone: (508) 752-2884 x210
Madison Cable Corp.                 Fax: (508) 752-4230
125 Goddard Memorial Drive         Email: mkarg@madisoncable.com
Worcester, MA 01603


Mr. Takaharu Ai  (AV)              Phone: +81-6-6906-2330
Matsushita Elec. Indust. Co.        Fax: +81-6-906-1549
4-16-12                            Email: aiai@dsd.mei.co.jp
Matsuo-cho
Kadoma, Osaka 571-8504 Japan

Mr. Hiroshi Ueda  (AV)             Phone: +81-6-6900 9259
Matsushita Electric                 Fax:
1006 Kadoma Kadoma-shi             Email: hueda@isl.mei.co.jp
Osaka, Japan


Mr. Pete McLean  (P)               Phone: (303) 678-2149
Maxtor Corp.                        Fax: (303) 678-2165
2190 Miller Dr.                    Email: pete_mclean@maxtor.com
Longmont, CO 80501
```

```
Mr. Lance Flake  (A#)            Phone: (303) 702-3802
Maxtor Corp.                       Fax:
2190 Miller Dr.                  Email: lance_flake@maxtor.com
Longmont, CO 80501


Mr. Charley Riegger  (A)         Phone: (408) 432-4571
Maxtor Corp.                       Fax: (408) 432-4432
510 Cottonwood Dr.               Email: charles_riegger@maxtor.com
Milpitas, CA 95035


Mr. LeRoy Leach  (AV)            Phone: (303) 678-2828
Maxtor Corp.                       Fax: (303) 678-2308
2190 Miller Dr.                  Email: leroy_leach@maxtor.com
Longmont, CO 80501-6744


Mr. Randy Banton  (AV)           Phone: (508) 256-1300 x134
Mercury Computer                   Fax:
199 Riverneck Road               Email:
Chelmsford, MA 01824


Mr. Bob Masterson  (AV)          Phone: (708) 867-9600
Methode Electronics, Inc.          Fax: (708) 867-3149
7444 West Wilson Ave             Email: rwmast@methode.com
Chicago, IL 60656


Mr. Robert Griswold  (P)         Phone: (425) 936-2630
Microsoft Corp.                    Fax: (425) 936-7329
One Microsoft Way                Email: rogris@microsoft.com
B27/3407
Redmond, WA 98052

Mr. Rob Haydt  (A#)              Phone: (425) 705-7639
Microsoft Corp.                    Fax: (425) 936-7329
1 Microsoft Way                  Email: robhay@microsoft.com
Redmond, WA 98052


Ms. Emily Hill  (A)              Phone: (425) 705-9595
Microsoft Corp.                    Fax: (425) 936-7329
1 Microsoft Way                  Email: emhill@microsoft.com
Redmond, WA 98052


Mr. Jay Neer  (P)                Phone: (561) 447-2907
Molex Inc.                         Fax: (561) 447-2908
399 W. Camino Gardens Blvd.      Email: jneer@molex.com
Suite 103
Boca Raton, FL 33432

Mr. Glen Griessler  (A)          Phone: (630) 527-4536
Molex Inc.                         Fax: (630) 969-1352
2222 Wellington Court            Email: ggriessler@molex.com
Lisle, IL 60532
```

Mr. Joe Dambach  (AV)              Phone: (708) 527-4546
Molex Inc.                          Fax: (708) 969-1352
2222 Wellington Court             Email: jdambach@molex.com
Lisle, IL 60532


Mr. Martin Ogbuokiri  (AV)         Phone: (630) 527-4370
Molex Inc.                          Fax: (630) 969-1352
2222 Wellington Court             Email: mogbuokiri@molex.com
Data Comm
Lisle, IL 60532


Mr. Richard Wagner  (AV)           Phone: (508) 791-3161
Montrose/CDT                        Fax: (508) 798-8353
28 Sword Street                   Email: rwagner@montrose-cdt.com
Auburn, MA 01501


Mr. Brian McKean  (A#)             Phone: (303) 381-4246
Mylex Corp.                         Fax: (303) 413-0464
4900 Pearl East Circle #104       Email: brianm@mylexboulder.com
Boulder, CO 80301-6108


Mr. Dave Ford  (AV)                Phone: (781) 895-4949 x236
Network Appliance                   Fax: (781) 895-1195
375 Tatted Pond Rd.               Email: dford@orca.com
Waltham, MA 02454


Mr. Charles Monia  (P)             Phone: (408) 519-3986
Nishan Systems Inc.                 Fax: (408) 435-8385
3850 North First St.              Email: cmonia@nishansystems.com
San Jose, CA 95134


Mr. Joshua Tseng  (A)              Phone: (408) 519-3749
Nishan Systems Inc.                 Fax: (408) 435-8385
3850 North First Street           Email: jtseng@NishanSystems.com
San Jose, CA 95134


Mr. Gregg Neely  (AV)              Phone: (858) 453-9696
NSTOR                               Fax: (858) 453-9294
10140 Mesa Rim Rd.                Email: greggn@nstor.com
San Diego, CA 92121


Mr. Edward A. Gardner  (P)         Phone: (719) 593-8866
Ophidian Designs                    Fax: (719) 593-8989
1262 Hofstead Terrace             Email: eag@ophidian.com
Colorado Springs, CO 80907


Dr. Terence J. Nelson  (P)         Phone: (908) 464-1652
Panasonic Technologies, Inc        Fax: (908) 464-0149
167 Maple St.                     Email: terry@tjnelson.com
New Providence, NJ 07974

Mr. Rudolf Vitti  (A)                 Phone: (201) 348-7064
Panasonic Technologies, Inc            Fax: (201) 348-7807
One Panasonic Way                     Email: vittir@panasonic.com
Panazip 1E-6
Secaucus, NJ 07094


Mr. Randall C. Hines  (A)             Phone: (303) 651-5406
Philips Electronics                    Fax: (303) 682-3029
1860 Lefthand Circle                  Email: hinesr@worldnet.att.net
Longmont, CO 80501


Mr. William P. McFerrin  (P)          Phone: (720) 320-0790
Philips Electronics/CD Edge            Fax:
841 Rocky Mtn Place                   Email: bill.mcferrin@cdedge.com
Longmont, CO 80501


Mr. Frank Fang  (AV)                  Phone: (408) 991-3348
Philips Semiconductors                 Fax: (408) 991-2600
811 E. Argues Ave.                    Email: frank.fang@philips.com
Sunnyvale, CA 94088-3409


Mr. Skip Jones  (P)                   Phone: (949) 389-6368
QLogic Corp.                           Fax: (949) 389-6114
26600 Laguna Hills Dr.                Email: sk_jones@qlc.com
Aliso Viejo, CA 92656


Mr. Richard Moore  (A#)               Phone: (949) 389-6232
QLogic Corp.                           Fax: (949) 389-6121
26600 Laguna Hills Dr.                Email: r_moore@qlc.com
Aliso Viejo, CA 92656


Mr. Dean Wallace  (A)                 Phone: (949) 389-6480
QLogic Corp.                           Fax: (949) 389-6128
26600 Laguna Hills Dr.                Email: d_wallace@qlc.com
Aliso Viejo, CA 92656


Mr. Mark Evans  (P)                   Phone: (408) 894-4019
Quantum Corp.                          Fax: (408) 894-4990
500 McCarthy Blvd.                    Email: mark.evans@quantum.com
Milpitas, CA 95035


Mr. Patrick McGarrah  (A)             Phone: (508) 770-6364
Quantum Corp.                          Fax: (508) 770-2299
333 South St.                         Email: pat.mcgarrah@quantum.com
Shrewsbury, MA 01545


Mr. James McGrath  (A#)               Phone: (408) 894-4504
Quantum Corp.                          Fax: (408) 894-6375
500 McCarthy Blvd.                    Email: JMCGRATH@QNTM.COM

Milpitas, CA 95035


Mr. John A. Fobel  (AV)           Phone: (909) 987-3966
Rancho Technology, Inc.            Fax: (909) 989-2365
10783 Bell Court                  Email: johnf@rancho.com
Rancho Cucamonga, CA 91730


Mr. Yau-Ting Mau  (AV)            Phone: (408) 957-6831
Roxio, Inc.                        Fax:
461 S. Milpitas Blvd.             Email: yauting.mau@roxio.com
Milpitas, CA 95035


Mr. Yasuyuki Suemori  (AV)        Phone: (630) 875-3513
Sanyo                              Fax:
900 N Arlington Heights Rd.       Email: ysue@sanyosales.com
Suite 300
Itasca, IL 60143

Mr. Ken-Ichi Kojima  (AV)         Phone: 584-64-4399
Sanyo Electric Co., Ltd.           Fax: 584-64-5096
180 Ohmori Anpachi-Cho            Email:
Anpachi-Gun
Gifu-Ken 503-01 Japan

Mr. Gerald Houlder  (P)           Phone: (952) 402-2869
Seagate Technology                 Fax: (952) 402-3471
Mailstop SHK231                   Email: gerry_houlder@seagate.com
1280 Disc Drive
Shakopee, MN 55379-1863

Mr. Jon P. Baker  (AV)            Phone: (405) 324-3591
Seagate Technology                 Fax:
10323 W. Reno Ave.                Email: jon_baker@seagate.com
Oklahoma City, OK 73116


Mr. Daniel F. Smith  (AV)         Phone: (831) 439-7146
Seagate Technology                 Fax: (831) 438-4846
4585 Scotts Valley Dr.            Email: daniel_f_smith@seagate.com
Scotts Valley, CA 95066-4544


Mr. Yasunori Hiyoshi  (AV)        Phone:
Seiko Epson Corp.                  Fax:
Corporate Res & Dev               Email: yasunori.hiyoshi@exc.epson.co.jp
3-3-5 Owa Suma-Shi
Nagano-Ken 392-8502 Japan

Mr. Erhard Weiss  (AV)            Phone: 49-821-804-3602
Siemens Nixdorf                    Fax: 49-821-804-2910
Depatment: SNI PC SB ESW          Email: weiss.abg@sni.de
Burgermeister-Ulrich-St
D-86199 Augsburg Germany


Mr. Greg Alvey  (AV)              Phone: (408) 338-4285
Solution Technology                Fax: (408) 338-4374

P.O. Box 104                        Email: kd6hnm@aol.com
Boulder Creek, CA 95006


Mr. Joe A. Maciel  (AV)             Phone: (408) 955-5547
Sony Electronic                      Fax:
3300 Zanker Rd. SJ2E2               Email: joe.maciel@am.sony.com
San Jose, CA 95134-1901


Mr. Dennis Pak  (AV)                Phone: (408) 955-5247
Sony Electronics, Inc.               Fax: (408) 955-5066
3300 Zanker Rd.  MS# SJ-3B2         Email: dennis_pak@asd.sel.sony.com
San Jose, CA 95134


Mr. Jeffrey Schroeder  (AV)         Phone: (408) 487-3965
ST Microelectronics                  Fax: (408) 441-8470
1060 E. Brokaw Rd.                  Email: jeffrey.schroeder@st.com
San Jose, CA 95131


Mr. Rich Wahler  (AV)               Phone: (516) 435-6174
Standard Microsystems Corp.          Fax: (516) 724-1505
300 Kennedy Drive                  Email:
Hauppauge, NY 11788


Mr. Erich Oetting  (P)              Phone: (303) 673-2178
Storage Technology Corp.             Fax: (303) 673-8196
2270 South 88th St.                Email: erich_oetting@stortek.com
Louisville, CO 80028-0268


Mr. Doug Charnley  (A)              Phone: (303) 661-7271
Storage Technology Corp.             Fax: (303) 673-8196
2270 South 88th St.  MS 0211       Email: doug_charnley@stortek.com
Louisville, CO 80028-0211


Mr. Franklin Ng  (A#)               Phone: (510) 574-9195
Sun Microsystems Computer Co         Fax: (510) 574-9501
MS NWK02-101                       Email: franklin.ng@ebay.sun.com
901 San Antonio Rd.
Palo Alto, CA 94303

Mr. Kenneth Moe  (P)                Phone: (510) 574-9799
Sun Microsystems, Inc.               Fax:
UNWK03-112                         Email: kenneth.moe@sun.com
901 San Antonio Road
Palo Alto, CA 94303-4900

Mr. Vit Novak  (A)                  Phone: (650) 688-9033
Sun Microsystems, Inc.               Fax: (650) 688-9265
Mail Stop 15-46                    Email: vit.novak@sun.com
2550 Garcia Ave.
Mountain View, CA 94043-1100

Mr. Pete Tobias  (A#)               Phone: (408) 285-9913

```
Tandem, a Compaq Company          Fax: (408) 285-9924
Loc 100-03                        Email: tobias_pete@tandem.com
10555 Ridgeview Ct.
Cupertino, CA 95014-0789


Mr. Ken Plourde  (AV)             Phone: (508) 839-5987
Temp Flex Cable, Inc.              Fax: (508) 839-4128
11 Depot St.                      Email: kplourde@templex.com
S. Grafton, MA 01560


Mr. Paul D. Aloisi  (P)           Phone: (603) 429-8687
Texas Instruments                  Fax: (603) 429-8963
MS: 84                            Email: Paul_Aloisi@ti.com
7 Continental Blvd
Merrimack, NH 03054


Mr. Donald R. Getty  (A#)         Phone: (408) 246-3100 x41
Texas Instruments                  Fax: (408) 246-3101
Suite 220                         Email: donald_getty@ti.com
4010 Moorpark Ave.
San Jose, CA 95117-1843


Mr. Robert Morris  (A)            Phone: (714) 573-6616
Texas Instruments                  Fax:
14351 Myford Rd.                  Email: bob.morris@ti.com
Tustin, CA 92780


Mr. Paresh Sheth  (A#)            Phone: (714) 573-6156
Texas Instruments                  Fax: (714) 573-6916
14351 Myford Rd.                  Email: paresh.sheth@ti.com
Tustin, CA 92780


Mr. Jerry Rossman  (AV)           Phone: (570) 524-8546
The JPM Co.                        Fax: (570) 524-5660
155 North 15 St.                  Email: jrossman@jpmco.com
Lewisburg, PA 17837


Ms. Dora M. Deivert  (AV)         Phone: (408) 952-3510
The JPM Company                    Fax: (408) 435-9775
2135 Ringwood Ave.                Email: dmdeivert@jpmsj.com
San Jose, CA 95131


Mr. Bill Youngman  (AV)           Phone: (408) 952-3503
The JPM Company                    Fax: (408) 435-1109
2135 Ringwood Ave.                Email: byoungman@jpmsj.com
San Jose, CA 95131


Mr. Fred Hooper  (AV)             Phone: (203) 840-0583
Thomas & Betts                     Fax: (203) 840-0587
5 Honeysuckle Dr.                 Email: fred_hooper@tnb.com
Norwalk, CT 06851
```

Ms. Tanya Huynh  (AV)              Phone: (949) 707-2290
Thomas & Betts Corp.                 Fax:
76 Fairbanks                       Email: tanya_Huynh@tycoelectronics.com
Irvine, CA


Mr. Tasuku Kasebayashi  (P)        Phone: (949) 461-3886
Toshiba America Elec. Comp.          Fax: (949) 458-7815
35 Hammond                         Email: task.kasebayashi@taec.toshiba.com
Irvine, CA 92618-1607


Mr. William C. Terrell  (P)        Phone: (805) 371-1377
Troika Networks, Inc.                Fax: (805) 371-1344
2829 Townsgate Rd. Suite 200       Email: terrell@TroikaNetworks.com
Westlake, CA 91361


Mr. Rick Casaly  (A)               Phone: (805) 367-2738
Troika Networks, Inc.                Fax:
2829 Townsgate Rd. Suite 200       Email: rcasaly@troikanetworks.com
Westlake, CA 91361


Mr. Ron Mathews  (AV)              Phone: (949) 380-5077
UNISYS Corporation                   Fax: (949) 380-5858
MV201                              Email: ronald.mathews@unisys.com
25725 Jeronimo Road
Mission Viejo, CA 92691

Mr. Marq Elliott  (AV)             Phone: (408) 662-7900
Verisys                              Fax:
335-H Spreckels Dr.                Email:
Aptos, CA 95003


Mr. Roger Cummings  (AV)           Phone: (407) 531-7257
Veritas Software                     Fax:
400 International Parkway           Email: roger.cummings@veritas.com
Heathrow, FL 32746


Mr. Michael G. Kaminski  (AV)      Phone: (408) 945-7766
Volex Inc.                           Fax: (408) 945-4360
835 Sinclair Frontage Road         Email: Mike_Kaminski@volex.com
Milpitas, CA 95035


Mr. Ben Chen  (AV)                 Phone:
Wieson Electronic Co. Ltd.           Fax:
                                   Email:


Mr. Doug Piper  (P)                Phone: (864) 967-1751
Woven Electronics                    Fax: (864) 963-1761
PO Box 189                         Email: doug.piper@wovenelectronics.com
Mauldin, SC 29662

Mr. E.J. Mondor  (A)                Phone: (864) 967-1739
Woven Electronics                     Fax: (864) 963-1761
PO Box 189                          Email: ej.mondor@wovenelectronics.com
Mauldin, SC 29662


Mr. Larry Aszmann  (AV)             Phone: (612) 828-5978
Xiotech Corp.                         Fax: (612) 828-5990
#200                                Email: laszmann@xiotech.com
6509 Flying Cloud Dr.
Eden Prairie, MN 55344


Mr. Arnold Limjoco  (AV)            Phone: (408) 456-0797 x134
Yamaichi Electronics                  Fax: (408) 456-0799
2235 Zanker Rd.                     Email: arnold.l@yeu.com
San Jose, CA 95131

**Enclosure(3) -- T10 Document Database**
     Generated on 2001/03/08 at 18:08:12

T10/01-001R0  Date:              Author:                   Mailing: Missing
not used

T10/01-002R0  Date:              Author:                   Mailing: Missing
not used

T10/01-003R0  Date:              Author:                   Mailing: Missing
not used

T10/01-004R0  Date: 2000/11/14  Author:  Dan Mazina and    Mailing: 2001_1
                                         Rob Elliott
Logical unit groups

T10/01-004R1  Date: 2001/01/24  Author:  Dan Mazina and    Mailing: 2001_1
                                         Rob Elliott
SPC-3 Logical unit groups

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
Minutes of SDV WG - January 15, 2001 (aprovd)

T10/01-006R0  Date: 2001/01/18  Author:  Weber & Lohmeyer  Mailing: 2001_1
Minutes of Parallel SCSI WG - January 16, 2001

T10/01-007R0  Date: 2001/01/18  Author:  Weber & Lohmeyer  Mailing: 2001_1
Minutes of SCSI CAP WG - January 17, 2001

T10/01-007R1  Date: 2001/01/30  Author:  Weber & Lohmeyer  Mailing: 2001_1
Minutes of SCSI CAP WG - January 17, 2001

T10/01-008R0  Date: 2000/11/29  Author:  Weber & Lohmeyer  Mailing: 2001_1
Minutes of T10 Plenary Meeting #41 -- January 18, 2001

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
SRP asynchronous event reporting

T10/01-010R1  Date: 2000/12/03  Author:  Rob Elliott       Mailing: 2001_1
SRP asynchronous event reporting

T10/01-011R0  Date: 2000/12/06  Author:  Dave Peterson     Mailing: 2001_1
Agenda for SSC-2 WG - December 6, 2000

T10/01-012R0  Date: 2000/12/06  Author:  Joe Breher        Mailing: 2001_1
Minutes of SSC-2 WG - December 6, 2000

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

T10/01-028R0  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

T10/01-029R0  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

T10/01-034R0  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 Initator 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

T10/01-047R0  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: Missing
Minutes of MMC-3 working group meeting

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

T10/01-068R0  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

T10/01-069R0  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)

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

T10/01-076R0  Date: 2001/02/21  Author:  Bill Ham           Mailing: Missing
PIP round robin results

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: 2001/02/22  Author:  Dave Peterson      Mailing: Missing
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

T10/01-083R0  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!

T10/01-085R0  Date: 2001/02/27  Author:  Cris Simpson       Mailing: Missing
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

T10/01-088R0  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: 2001/02/28  Author:  Weber & Lohmeyer  Mailing: Missing
Minutes of T10 Plenary Meeting #42 -- March 8, 2001

T10/01-092R0  Date: 2001/02/28  Author:  Rob Elliott       Mailing: Missing
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

T10/01-094R0  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

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

T10/01-098R0  Date: 2001/03/06  Author:  Ron Roberts       Mailing: Missing
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

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

T10/01-101R0  Date: 2001/03/06  Author:  Eric Anderson     Mailing: Missing
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
```