

Draft Minutes of T11 Plenary Session #65
October 7, 2004
Driskill Hotel, Austin Texas

1 Opening Remarks and Introductions

The meeting was opened at 3 PM by Bob Snively of Brocade, T11 Chair.

Neil Wanamaker of Finisar served as Secretary.

Bob thanked Dexter Anderson, Rosa Flanders, and Crossroads for hosting this meeting week.

Bob then led a round of introductions.

Bob stated that the deadline for the next T11 mailing would be 11:59 PM, October 21, 2004. Documents are placed in the mailing by posting them to the www.t11.org website. Postings can be made by any member. Begin by using the "Docs" button, then using the "number document" button. After successfully filling out the registration form for the document, you will be supplied with the several means of uploading the document.

1.1 Meeting guidelines

Bob stated that the meeting was operating under INCITS procedures, and called special attention to the ANSI patent policies and the INCITS antitrust policies.

1.2 Electronic Attendance

Roger Cummings announced that the prototype of the electronic attendance program was available and provided information on how to use it. Attendance will be taken both electronically and on paper at this meeting, with all attendance to be electronic at the next meeting.

2 Approval of the Agenda

The agenda was posted as T11/04-590v0. An amended version (T11/04-590v2) was displayed.

It was moved by Horst Truedtedt and seconded by Joe Gelish to approve the agenda as presented. The agenda was approved unanimously.

3 Attendance and Membership

At the beginning of the meeting the membership stood at 53.

3.1 Roll Call of Members in Jeopardy for Non-Attendance (04-575v1)

Amphenol (Absent April 2004, August 2004)

P Michael Wingard mike.wingard@aipce.com (present)

A Ron Kleckowski ron.kleckowski@aipce.com

Corning (Absent April 2004, June 2004)

P Doug Coleman doug.coleman@corning.com (Present)

A Steven E. Swanson swansonse@corning.com

Cypress (Absent April 2004, August 2004) (Not represented)

P Edward Grivna elg@cypress.com

A Stephen Gerber xsg@cypress.com

T11 Minutes, October 7, 2004

Molex (Absent April 2004, June 2004)

P Jay H. Neer jay.neer@molex.com (present)

Smiths Aerospace (Absent April 2004, August 2004)

P John Schroeder john.schroeder@smiths-aerospace.com (present)

A Todd Pepper todd.pepper@smiths-aerospace.com

ST (Absent June 2004, August 2004)

P Gianfranco Scherini gianfranco.scherini@st.com (present)

A Roland Marbot roland.marbot@st.com

Texas Instruments (Absent June 2004, August 2004)

P Rajeev Jain rajiv@ti.com (present)

A Stephen Spencer s-spencer1@ti.com

Unisys (Absent June 2004, August 2004) Not Represented

P Wayne Gentry wayne.gentry@unisys.com

A Tony Baker tony.baker@unisys.com

Amphenol, Corning, Smiths Aerospace, ST, and Texas Instruments were represented, and so retain membership. Cypress and Unisys were not represented and so lose membership for non-attendance.

3.2 Roll call of members in jeopardy for not responding to letter ballots

None

3.3 Roll call of members in jeopardy for non-payment of fees

None

3.4 Announcement of new members and changes

Representative Changes:

McDATA: Michael O'Donnell resigned from McDATA. Scott Kipp replaces Michael O'Donnell as Principal, Larry Hofer replaces Scott Kipp as Alternate;

Hitachi DS: Hidehisa Shitomi replaces Shoji Kodama as Principal;

Texas Instruments: Stephen Hubbins replaces Stephen Spencer as Alternate;

Tyco: Bob Atkinson replaces Ashlie Fan as Alternate.

New Members:

Packet Lite is represented and gains membership

Phyworks is not represented and does not gain membership.

With the addition of one member and the loss of two members the membership becomes 52.

3.5 T11 voting membership

The current membership of the committee is as follows:

Agere	P..... John Kulick
Agere	A..... Jeffrey Saunders

Agilent	P..... Roy Elsbernd
Agilent	A..... Narayan Ayalasomayajula
Agilent	A#..... Gregg Goyins
AMCC	P..... Haluk Aytac
AMCC	A..... Mike Scholten
AMCC	A#..... Scott Denton
AMCC	A#..... Dirk Colpaart
AMPHENOL	P..... Michael Wingard
AMPHENOL	A..... Ron Kleckowski
Ancot	P..... Jan V. Dedek
Ancot	A..... Bart Raudebaugh
Broadcom	P..... Ali Ghiasi
Broadcom	A..... Murali Rajagopal
Brocade Comms.	P..... Robert Snively
Brocade Comms.	A..... Steven L. Wilson
Ciena	P..... Chris Janz
Cisco	P..... Silvano Gai
Cisco	A..... Claudio DeSanti
Cisco	A..... Fabio Maino
CNT	P..... David Peterson
CNT	A..... Bret Ketchum
Corning	P..... Doug Coleman
Corning	A..... Steve E. Swanson
Crossroads Sys.	P..... John Tyndall
Crossroads Sys.	A..... Dexter Anderson
Crossroads Sys.	A#..... David Douglas
Dot Hill	P..... Elizabeth Rodriguez
EMC	P..... Gary S. Robinson
EMC	A..... Gregory McSorley
Emulex	P..... Bob Nixon
Emulex	A..... Ken Hirata
ENDL	P..... Ralph Weber
ENDL	A..... Dal Allan
eSilicon Corporation	P..... Frank Barber
eSilicon Corporation	A..... Rakesh Chadha
FCI	P..... Kevin Oursler
FCI	A..... David Sideck
FSI	P..... Gary Stephens
Fujikura	P..... Nabil Osman
Fujikura	A..... Hari Naidu
Fujitsu	P..... Mike Fitzpatrick
General Dynamics	P..... Arne Niska
General Dynamics	A..... Kent Lindell
Hitachi Data Sys	P..... Hidehisa Shitomi
Hitachi GST	P..... Dan Colegrove
Hitachi GST	A..... Werner Glinka
Hewlett Packard	P..... Bill Ham
Hewlett Packard	A..... Mark Hamel
IBM	P..... Ken Hallam
IBM	A..... Robert Dugan
Infineon	P..... Richard Johnson
Infineon	A..... Vasanta Rao

T11 Minutes, October 7, 2004

Intel	P	Schelto van Doorn
Intel	A	Bill Bissonette
JDS	P	Eric Borisch
JDS	A	Elfte Favreau
LSI Logic	P	Curtis Ridgeway
LSI Logic	A	Michael Jenkins
LSI Logic	A#	John Lohmeyer
Lucent	P	Richard Di Pasquale
McData	P	Scott Kipp
McData	A	Larry Hofer
Molex	P	Jay Neer
Nortel	P	Graham Copley
Northrop Grumman	P	James Nelson
PacketLight Networks	P	Navot Oren
PMC-Sierra	P	Yuriy Greshishchev
PMC-Sierra	A	William Wang
PrecisionFC	P	Gary Warden
PrecisionFC	A	Jing Kwok
QLogic	P	Craig Carlson
QLogic	A	Skip Jones
QLogic	A#	Ed McGlaughlin
Seagate	P	James Coomes
Seagate	A	Allen Kramer
Sierra-Logic	P	William R. Martin
Sierra-Logic	A	Matt Wakeley
Smiths Aerospace	P	John Schroeder
Smiths Aerospace	A	Todd Pepper
Solution Tech.	P	Robert Kembel
Solution Tech.	A	David Deming
ST	P	Gianfranco Scherini
ST	A	Roland Marbot
StorageTek	P	Matt Gaffney
StorageTek	A	Joe Gruba
Sun Microsystems	P	Vit Novak
Sun Microsystems	A	Steve Sletten
Tartan	P	Rich Taborek
Tartan	A	Arline Taborek
TI	P	Rajeev Jain
TI	A	Stephen Hubbins
TrueFocus	P	Horst Truestedt
TrueFocus	A	Jeanne Truestedt
Tyco	P	Andrew Nowak
Tyco	A	Bob Atkinson
Veritas	P	Roger Cummings
Veritas	A	Roger Reich
Xyratex	P	Paul Levin
Xyratex	A	Rich Ramos

3.6 Membership in TC T11 & TGs T11.2, T11.3, and T11.5

Information on how membership is gained, maintained, and lost in any INCITS Technical Committee can be found in <http://www.incits.org/rd2/main.htm>

4 Document Distribution

The documents presented at the meeting are available from the DOCS page of the T11 website, www.t11.org. A wireless mirror was made available at the meeting.

5 Approval of Minutes - T11 Meeting #64, Keystone, CO

The minutes of meeting #64, August 7, 2004 (T11/04-591v0), were reviewed.

It was moved by Bill Martin and seconded by Vit Novak to approve the minutes as posted. The motion carried by acclamation.

6 Review of old Action Items

ACTION ITEMS

03-001 TG Chairs to update Project Status Sheet.

Ongoing

03-002 All editors, when posting drafts, upload zip of source to hidden directory

Ongoing.

04-008 Chair to ensure that the withdrawn but maintained (still available documents) are handled correctly by INCITS.

Email sent on March 5 to determine procedures. Reminder March 26.

Indication that they are checking with the ANSI store on the mechanisms.

Lynn Barra indicates work is still in process.

04-009 Roger Cummings to investigate projects associated with withdrawn standards be made accessible on the website.

Pending information from INCITS.

04-021 Craig Carlson to provide FC-GS-4 ISO to IR

Completed.

04-032 Craig Carlson to post a comment submission template.

First draft provided. Review of draft in process. Present revision is adequate.

Future revisions may provide some degree of automation. Completed.

04-035 Vice-chair to contact organizers for SNW and IETF to prevent conflicts with these events.

Dates are approved for next two years. Attempting to notify those organizations of any possible conflicts. Complete.

04-054 Chair to conduct LB on motion to approve forwarding the NWIP for SMI-S.

Complete

04-059 IR to convey Yes vote on Responsive Link to SC25

The vote did not consider the mandatory 6 questions. As a result, an accelerated letter ballot asking for approval of the responses to the mandatory 6 questions as well as approval of the NWIP was held. The results of the letter ballot were conveyed to INCITS in T11/04-595v0.

04-060 IR to convey No vote on SM-100-TP to SC25, including comments.

T11 Minutes, October 7, 2004

Completed.

04-061 T11 and T11.5 Chairs to update Memorandum of Understanding between SNIA and T11.

Completed

04-062 T11 Chair to conduct LB on Request for Interpretation on FC-PI.

Completed. See T11/04-599v0. Forwarded results of letter ballot to INCITS.

See T11/04-655v0.

04-063 T11 Chair to forward rev. 3.1 of FC-DA to replace 3.0

Completed. See T11/04-503v1.

04-064 FC-DA Editor to forward copy of FC-DA rev. 3.1 to Deborah Spittle.

Completed.

04-065 T11 Chair to add DA-2 and DA-AMD to agenda for next meeting.

Completed. See T11/04-590v0.

04-066 Chairs of T11, T11.2, and T11.3 to add agenda items for discussion of 8G substitute idle character for EMI reduction.

Completed. See T11/04-590v0.

04-067 T11.5 Chair to forward SM-FAM to IETF imsss.

Carryover

04-068 T11 Chair to produce usual liaison reports.

Completed. See T11/04-601v0. See T11/04-652v1.

7 Review of T11 Project and Proposal Status

7.1 Project Status Review

The T11 Project status sheet was displayed. See WWW.t11.org, using the button "Projects".

7.2 INCITS Project Status Report (T11/04-652v1):

Bob Snively, T11 Chair, presented the following report:

Project Status from INCITS, October, 2004

1) Project proposals approved:

none

2) Documents in approval process:

FC-SWAPI

Project 1600 - INCITS 399, Information technology - Fibre Channel Switch Application Programming Interface (FC-SWAPI), the public comment review for INCITS 399 closed on 09/20/04 with no comments received. Received the final BSR copy from ANSI on 09/28/04. Plan to initiate the management process no later than 10/04/04, and expect to issue the final 30-day letter ballot for INCITS EB approval in last week of October.

FC-MJSQ

Project 1316 - TR-35 - Information technology - Fibre Channel - Methodology of Jitter and Signal Quality Specification (FC-MJSQ) was approved for publication at the September 2004 INCITS meeting, and has been forwarded to ANSI for publication. Estimated publication end of October 2004.

FC-DA

Project 1513 - TR-36 - Information technology - Fibre Channel Device Attach (FC-DA) was approved for publication at the September 2004 INCITS meeting, and has been forwarded to ANSI for publication. Estimated publication end of October 2004.

3) Documents in withdrawal process:

SM-AMD

Project 1606 - Information technology - SAN Management - Attribute & Method Dictionary (SM-AMD) - the letter ballot to withdraw this project is in process and will close on October 10, 2004.

SM-MM

Project 1607 - Information technology - SAN Management - Management Model (SM-MM) - the letter ballot to withdraw this project is in process and will close on October 10, 2004.

3) Documents approved as standards

FC-HBA

Project 1568 - INCITS 386:2004, Information Technology - Host Bus Adapter Application Programming Interface (FC-HBA), was approved by ANSI as a new standard on 8/3/2004. A published copy was forwarded to T11 Chair and the project editor.

FC-GS-4

Project 1505 - INCITS 387:2004, Information technology - Fibre Channel Generic Services-4 (FC-GS-4), was approved by ANSI as a new standard on 8/3/2004. A published copy was forwarded to T11 Chair and the project editor.

4) Other standard status

FC-PI

Request for interpretation submitted to INCITS. Response T11/04-568v0 will be submitted for INCITS Executive Board 30-day ballot and will then be forwarded to the requester.

Action items required by INCITS

Withdrawn standards list

The INCITS Secretariat will request that TC Chairmen provide a list of withdrawn standards they would like to make available. Identified T10 and T11 Standards will serve as the test case. The Secretariat will work with ITI legal counsel to ensure the appropriate disclaimers and legal warnings, as well as IP issues, are addressed and incorporated in the documentation. The Secretariat will post the list of withdrawn standards on the INCITS web site including information on how to obtain them. The Secretariat will contact ANSI to determine whether or not there are procedural/accreditation impediments to making withdrawn standards available. (Agenda Item 8.2, November 2002 INCITS EB minutes - IT/02-1276)

At the July, 2004 meeting of the INCITS Standards Development Board, this was marked "CARRYOVER - in040229 - awaiting response from ANSI on sale of withdrawn standards"

List of documents for possible archived withdrawal includes the following.

Items in red are proposed not to be archived. Items in blue are proposed to

be archived.

2000

Intelligent Peripheral Interface (IPI)- Enhanced Device Specific command Set for Magnetic Disk Drives (Enhanced IPI-2 Disk): Standard

X3.236:1995

2001

FC-LE, ANSI X3.287:1996

FC-SB, ANSI X3.271:1996

FC-GS, ANSI X3.288:1996

2002

IPI-3 Disk, ANSI X3.291:1997.\ IPI-3 Tape, X3.290:1997

HIPPI-ATM, ANSI X3.299:1997.

2003

Fibre Channel - Switched Fabric & Switched Control Requirements (FC-SW) (Formerly FC-XS), INCITS 321:1998 []

2004

FC-FP, INCITS 254:1994 [R1999]

FC-10KCR, INCITS 326:1999

FC-GS-2, INCITS 288:1999

Candidates for future withdrawals depend on completing the required replacement documents.

FC-PH (ANSI/INCITS 230-1994)

FC-PH Amendment 1 (ANSI/INCITS 230-1994 Addendum 1:1996)

(Replaced by FC-FS and FC-PI)

FC-PH-2 (ANSI/INCITS 297-1997)

(Replaced by FC-FS and FC-PI)

FC-PH-3 (INCITS 303-1998)

(Replaced by FC-FS and FC-PI)

FC-AL (ANSI/INCITS 272-1996)

(Replaced by FC-AL-2)

FC-GS-2 (INCITS 288-1999)

(Replaced by FC-GS-3)

FC-SB-2 (INCITS 349-2001)

(Replaced by FC-SB-3)

FC-SW (ANSI/INCITS 321-1998)

(Replaced by FC-SW-2)

8 Results of Non-ISO Letter Ballot

8.1 FC-PI Request for Interpretation

The Letter Ballot carried with 45 For, 0 Opposed, with 4 Abstaining and 4 Not Voting. This meets the two-thirds rule.

9 Old Business

10 Task Group T11.2 Physical Variants

10.1 T11.2 Plenary Meeting Report

Schelto van Doorn of Intel, T11.2 Chair, made the following report:

The present membership is 45

Optical WG – Tom Lindsay

- *8 Presentations were made*
- *Mainly on 8G and Equalization*
- *Motion passed to forward FC-PI-2*

Electrical WG – Mike Jenkins

- *8 Presentations were made*
- *Mainly on 8G and Equalization*
- *Motion passed to forward FC-PI-2*

MJSQ – Bill Ham

- *Motion passed to forward new project MSQS*
- *Focused mainly on developing a process for determining the signal budgets for electrical links*

FCSM (Signal Modeling) - Dean Wallace

- *Detailed requirements for modeling the compliance interconnect were developed.*

FC-PI-2 - Greg McSorley

- *FC-PI-2: Done*

Next T11.2 meetings

- *FC0 electrical 9 to 12:30 Wed*
- *FCSM-2 1:30 to 5:30 Mon*
- *FC0 optical 2:00 to 6:00 Wed*
- *FC-PI ISO comments resolution 3 to 4 Tue*

Motions on behalf of T11.2:

That the MSQS project proposal, 04-564v0, be approved by the T11 plenary and be forwarded for further processing.

That the comment resolutions contained in the comments resolution document (04-457v2) and in rev 7.0 of FC-PI-2 (04-217v3) be accepted in satisfaction of the second T11 letter ballot on FC-PI-2. It is recommended to TC T11 that rev 7 be forwarded to INCITS for first public review.

10.2 Proposals for new projects

10.2.1 Approve Project Proposal for FC-MSQS

The project proposal was presented as T11/04-564v0, and this document met the two-week rule.

It was moved by Schelto van Doorn on behalf of T11.3 to forward the MSQS Project Proposal, 04-564v0, to INCITS for further processing.

The motion carried 39 For, 0 Opposed, with 0 Abstaining and 13 Not Voting. This meets the two-thirds rule

10.3 Other Actions

10.3.1 Approval of comment resolution for FC-PI-2 and forwarding to INCITS

It was moved by Schelto van Doorn that the comment resolutions contained in the comments resolution document (04-457v2) and in rev 7.0 of FC-PI-2 (04-217v3) be accepted in satisfaction of the second T11 letter ballot on FC-PI-2, and that rev 7 be forwarded to INCITS for first public review.

Agere	P	John Kulick	nv
Agere	A	Jeffrey Saunders	
Agilent	P	Roy Elsbernd	nv
Agilent	A	Narayan Ayalasomayajula	
Agilent	A#	Gregg Goyins	
AMCC	P	Haluk Aytac	y
AMCC	A	Mike Scholten	
AMCC	A#	Scott Denton	
AMCC	A#	Dirk Colpaart	
AMPHENOL	P	Michael Wingard	y
AMPHENOL	A	Ron Kleckowski	
Ancot	P	Jan V. Dedek	nv
Ancot	A	Bart Raudebaugh	
Broadcom	P	Ali Ghiasi	y
Broadcom	A	Murali Rajagopal	
Brocade Comms.	P	Robert Snively	
Brocade Comms.	A	Steven L. Wilson	y
Ciena	P	Chris Janz	y
Cisco	P	Silvano Gai	
Cisco	A	Claudio DeSanti	y
Cisco	A	Fabio Maino	
CNT	P	David Peterson	nv
CNT	A	Bret Ketchum	
Corning	P	Doug Coleman	y
Corning	A	Steve E. Swanson	
Crossroads Sys.	P	John Tyndall	
Crossroads Sys.	A	Dexter Anderson	a
Crossroads Sys.	A#	David Douglas	
Dot Hill	P	Elizabeth Rodriguez	nv
EMC	P	Gary S. Robinson	y
EMC	A	Gregory McSorley	
Emulex	P	Bob Nixon	y
Emulex	A	Ken Hirata	
ENDL	P	Ralph Weber	y

ENDL	A..... Dal Allan	
eSilicon Corporation	P..... Frank Barber	y
eSilicon Corporation	A..... Rakesh Chadha	
FCI	P..... Kevin Oursler	y
FCI	A..... David Sideck	
FSI	P..... Gary Stephens	y
Fujikura	P..... Nabil Osman	y
Fujikura	A..... Hari Naidu	
Fujitsu	P..... Mike Fitzpatrick	y
General Dynamics	P..... Arne Niska	nv
General Dynamics	A..... Kent Lindell	
Hitachi Data Sys	P..... Hidehisa Shitomi	nv
Hitachi GST	P..... Dan Colegrove	
Hitachi GST	A..... Werner Glinka	y
Hewlett Packard	P..... Bill Ham	y
Hewlett Packard	A..... Mark Hamel	
IBM	P..... Ken Hallam	nv
IBM	A..... Robert Dugan	
Infineon	P..... Richard Johnson	y
Infineon	A..... Vasanta Rao	
Intel	P..... Schelto van Doorn	y
Intel	A..... Bill Bissonette	
JDS	P..... Eric Borisch	y
JDS	A..... Elfte Favreau	
LSI Logic	P..... Curtis Ridgeway	
LSI Logic	A..... Michael Jenkins	
LSI Logic	A#..... John Lohmeyer	y
Lucent	P..... Richard Di Pasquale	y
McData	P..... Scott Kipp	y
McData	A..... Larry Hofer	
Molex	P..... Jay Neer	nv
Nortel	P..... Graham Copley	y
Northrop Grumman	P..... James Nelson	y
PacketLight Networks	P..... Navot Oren	y
PMC-Sierra	P..... Yuriy Greshishchev	nv
PMC-Sierra	A..... William Wang	
PrecisionFC	P..... Gary Warden	y
PrecisionFC	A..... Jing Kwok	
QLogic	P..... Craig Carlson	y
QLogic	A..... Skip Jones	
QLogic	A#..... Ed McGlaughlin	
Seagate	P..... James Coomes	y
Seagate	A..... Allen Kramer	
Sierra-Logic	P..... William R. Martin	y
Sierra-Logic	A..... Matt Wakeley	
Smiths Aerospace	P..... John Schroeder	y
Smiths Aerospace	A..... Todd Pepper	
Solution Tech.	P..... Robert Kembel	y
Solution Tech.	A..... David Deming	
ST	P..... Gianfranco Scherini	y
ST	A..... Roland Marbot	
StorageTek	P..... Matt Gaffney	nv

T11 Minutes, October 7, 2004

StorageTek	A..... Joe Gruba	
Sun Microsystems	P..... Vit Novak	y
Sun Microsystems	A..... Steve Sletten	
Tartan	P..... Rich Taborek	nv
Tartan	A..... Arline Taborek	
TI	P..... Rajeev Jain	y
TI	A..... Stephen Hubbins	
TrueFocus	P..... Horst Truedstedt	
TrueFocus	A..... Jeanne Truedstedt	y
Tyco	P..... Andrew Nowak	nv
Tyco	A..... Bob Atkinson	
Veritas	P..... Roger Cummings	y
Veritas	A..... Roger Reich	
Xyratex	P..... Paul Levin	y
Xyratex	A..... Rich Ramos	

The rollcall carried 38 For, 0 Opposed, with 1 Abstaining and 13 Not Voting. This meets the two-thirds rule

Representatives of Corning, E20, eSilicon, HP, JDSU, and Seagate have supplied letters indicating that these changes allow them to change their negative vote on the Letter Ballot to an affirmative vote.

Representatives of Broadcom (Ali Ghiasi) and LSI (John Lohmeyer) noted in the meeting that they would change their votes to affirmative.

10.4 Other Items

None

11 Task Group T11.3 Interconnection Schemes

11.1 T11.3 Plenary meeting Report

Craig Carlson of QLogic, T11.3 Chair, made the following report:

40 Members

Development

Fabric Expansion Study –Broadcast, Fabric Routing Unification, Routing and Encapsulation Headers, Possible new Fabric Routing Standard

FC-AE-x–Fast Fabric Initialization

FC-BB-3 –FC over Packet Transport Networks, ELS Snooping, Draft Review

FC-FS-2 –VSAN Nx_Portmodel, Transmit Active Equalization, Clarify Credit, Fix Clock Sync Primitives, NAA=4 obsolescence, ARB for EMI reduction

FC-GS-5 –Concurrent Sync. CT, Event Notification, CT Confidentiality

FC-LS –Reviewed new draft issues, VSAN N_Portsupport, Event Notification, Credit Accounting

FC-MI-2 –Echo from Management Server OK, Review of Draft, Requesting T11 Letter Ballot

FC-SW-4 –Blending basic and enhanced zoning, Virtual Channels, Virtual Fabrics, FC-CT Revision Cleanup, EE_Credit, Fast Fabric Init

IPv4 over FC –Letter Ballot comment resolution

Approval

*FC-SP –Continue LB Comment Resolution***11.2 Proposals for new projects****11.2.1 Approval of Project Proposal for FC-DA-2 (T11/04-614v1)**

Craig Carlson moved, on behalf of T11.3, to forward the FC-DA-2 Project Proposal (T11/04-614v1) to INCITS for further processing

The motion carried 38 For, 0 Opposed, with 0 Abstaining and 14 Not Voting. This meets the two-thirds rule.

11.3 T11.3 Actions**11.3.1 T11 letter ballot on FC-MI-2**

Craig Carlson, on behalf of T11.3, requested a T11 Letter Ballot on FC-MI-2 rev. 2.5 (T11/04-109v5). This request was accepted by the Chair.

11.3.2 Withdrawal of FC-AE-RDMA Project

The motion not made, as the reflector call indicated some interest in continuation of this project.

11.3.3 Withdrawal of FC-AE-LP Project

Craig Carlson moved, on behalf of T11.3, to withdraw the FC-AE-LP project, 1650-DT, due to lack of interest.

Agere	P..... John Kulick	nv
Agere	A..... Jeffrey Saunders	
Agilent	P..... Roy Elsbernd	nv
Agilent	A..... Narayan Ayalasomayajula	
Agilent	A#..... Gregg Goyins	
AMCC	P..... Haluk Aytac	y
AMCC	A..... Mike Scholten	
AMCC	A#..... Scott Denton	
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AMPHENOL	P..... Michael Wingard	y
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Brocade Comms.	P..... Robert Snively	
Brocade Comms.	A..... Steven L. Wilson	y
Ciena	P..... Chris Janz	y
Cisco	P..... Silvano Gai	
Cisco	A..... Claudio DeSanti	y
Cisco	A..... Fabio Maino	
CNT	P..... David Peterson	nv
CNT	A..... Bret Ketchum	
Corning	P..... Doug Coleman	y
Corning	A..... Steve E. Swanson	
Crossroads Sys.	P..... John Tyndall	
Crossroads Sys.	A..... Dexter Anderson	y
Crossroads Sys.	A#..... David Douglas	
Dot Hill	P..... Elizabeth Rodriguez	nv
EMC	P..... Gary S. Robinson	y
EMC	A..... Gregory McSorley	
Emulex	P..... Bob Nixon	y
Emulex	A..... Ken Hirata	

ENDL	P.....	Ralph Weber	y
ENDL	A.....	Dal Allan	
eSilicon Corporation	P.....	Frank Barber	y
eSilicon Corporation	A.....	Rakesh Chadha	
FCI	P.....	Kevin Oursler	y
FCI	A.....	David Sideck	
FSI	P.....	Gary Stephens	y
Fujikura	P.....	Nabil Osman	nv
Fujikura	A.....	Hari Naidu	
Fujitsu	P.....	Mike Fitzpatrick	y
General Dynamics	P.....	Arne Niska	nv
General Dynamics	A.....	Kent Lindell	
Hitachi Data Sys	P.....	Hidehisa Shitomi	nv
Hitachi GST	P.....	Dan Colegrove	
Hitachi GST	A.....	Werner Glinka	y
Hewlett Packard	P.....	Bill Ham	y
Hewlett Packard	A.....	Mark Hamel	
IBM	P.....	Ken Hallam	nv
IBM	A.....	Robert Dugan	
Infineon	P.....	Richard Johnson	y
Infineon	A.....	Vasanta Rao	
Intel	P.....	Schelto van Doorn	y
Intel	A.....	Bill Bissonette	
JDS	P.....	Eric Borisch	y
JDS	A.....	Elfte Favreau	
LSI Logic	P.....	Curtis Ridgeway	
LSI Logic	A.....	Michael Jenkins	
LSI Logic	A#.....	John Lohmeyer	y
Lucent	P.....	Richard Di Pasquale	y
McData	P.....	Scott Kipp	y
McData	A.....	Larry Hofer	
Molex	P.....	Jay Neer	y
Nortel	P.....	Graham Copley	a
Northrop Grumman	P.....	James Nelson	y
PacketLight Networks	P.....	Navot Oren	y
PMC-Sierra	P.....	Yuriy Greshishchev	nv
PMC-Sierra	A.....	William Wang	
PrecisionFC	P.....	Gary Warden	y
PrecisionFC	A.....	Jing Kwok	
QLogic	P.....	Craig Carlson	y
QLogic	A.....	Skip Jones	
QLogic	A#.....	Ed McGlaughlin	
Seagate	P.....	James Coomes	y
Seagate	A.....	Allen Kramer	
Sierra-Logic	P.....	William R. Martin	y
Sierra-Logic	A.....	Matt Wakeley	
Smiths Aerospace	P.....	John Schroeder	y
Smiths Aerospace	A.....	Todd Pepper	
Solution Tech.	P.....	Robert Kembel	y
Solution Tech.	A.....	David Deming	
ST	P.....	Gianfranco Scherini	y
ST	A.....	Roland Marbot	

T11 Minutes, October 7, 2004

StorageTek	P	Matt Gaffney	nv
StorageTek	A	Joe Gruba	
Sun Microsystems	P	Vit Novak	y
Sun Microsystems	A	Steve Sletten	
Tartan	P	Rich Taborek	nv
Tartan	A	Arline Taborek	
TI	P	Rajeev Jain	a
TI	A	Stephen Hubbins	
TrueFocus	P	Horst Truedstedt	
TrueFocus	A	Jeanne Truedstedt	y
Tyco	P	Andrew Nowak	nv
Tyco	A	Bob Atkinson	
Veritas	P	Roger Cummings	y
Veritas	A	Roger Reich	
Xyratex	P	Paul Levin	y
Xyratex	A	Rich Ramos	

The rollcall carried 37 For, 0 Opposed, with 2 Abstaining and 13 Not Voting. This meets the two-thirds rule.

11.4 Other Items

12 Joint T11.2/T11.3 Call for Issues

12.1 Improved IDLE character (FC-FS-2 and 8Gb/s study group)

Dealt with in T11.3 and T11.2.

13 Task Group T11.5 - Storage Network Management

13.1 T11.5 Plenary Meeting Report

Roger Cummings of Veritas, T11.5 Chair, made the following report:

- *47 people attended Plenary #13 on Thursday 10/7*

- *Nortel Networks & Sierra Logic gained membership, Sandial and Unisys lost membership. Membership of T11.5 remains at 31 orgs*

Ad Hoc Reports

- *SM-HBA Ad Hoc*

- *7 people present on 10/6*

- *Approved SM-HBA ports structure proposal (04-476v4) and SendEcho & SendTest function calls (04-541v2)*

- *Reviewed two SNIA liaison items - FC-HBA profile (649 & 672) & Multipath Management API (650 & 673)*

- *Management Ad Hoc*

- *8 people present on 10/6*

- *Much discussion on SM-NSM index structures - 5 changes agreed to MIB*

- *Unanimously forwarded SM-NSM comment responses (04- 416v4, and SM-NSM MIB (04-080v4, v3 as revised at the meeting) to T11.5 for further processing*

- *FAIS*

- 11 people present on 9/14, 13 on 10/6
- 1st draft published (incl Object Model) as 04-675v0
- Reviewed proposals FAIS - SCSI Port Names, Chapter 3 Definitions, UML Conventions, Xmap/Multi-path object model changes

T11.5 Motions

- T11.5 voted F28-O00-A02-DNV1 to recommend that T11 approve the SM-NSM comment resolution as documented in 04-416v4, and approve forwarding the draft MIB contained in 04-080v4 (v3 as revised at the Management Ad Hoc meeting) to the IETF imss Working Group for further processing

Meeting requests for December 2004

- SM-HBA Ad Hoc - 3 hours (Wednesday 9am-Noon)
- FAIS Ad Hoc - 4 hours (Wednesday 9am-1pm)
- Management Ad Hoc - 3 hours (Wednesday 2-6pm)
- Plenary - 1 hour
- Ad Hoc meetings
 - FAIS Ad Hoc meeting November 15 or 16 2004, San Jose, CA
 - Management Ad Hoc teleconference week of 11/15

13.2 Proposals for New Projects

None

13.3 Other Actions

13.3.1 SM-NSM Comment resolution and forwarding to IETF

It was moved by Roger Cummings, on behalf of T11.5, to approve the SM-NSM comment resolution as documented in 04-416v4, and approve forwarding the draft MIB contained in 04-080v4 (v3 as revised at the Management Ad Hoc meeting) to the IETF imss Working Group for further processing

Agere	P..... John Kulick	nv
Agere	A..... Jeffrey Saunders	
Agilent	P..... Roy Elsbernd	nv
Agilent	A..... Narayan Ayalasomayajula	
Agilent	A#..... Gregg Goyins	
AMCC	P..... Haluk Aytac	y
AMCC	A..... Mike Scholten	
AMCC	A#..... Scott Denton	
AMCC	A#..... Dirk Colpaart	
AMPHENOL	P..... Michael Wingard	y
AMPHENOL	A..... Ron Kleckowski	
Ancot	P..... Jan V. Dedek	nv
Ancot	A..... Bart Raudebaugh	
Broadcom	P..... Ali Ghiasi	y
Broadcom	A..... Murali Rajagopal	
Brocade Comms.	P..... Robert Snively	
Brocade Comms.	A..... Steven L. Wilson	y
Ciena	P..... Chris Janz	y
Cisco	P..... Silvano Gai	
Cisco	A..... Claudio DeSanti	y

T11 Minutes, October 7, 2004

Cisco	A.....	Fabio Maino	
CNT	P.....	David Peterson	nv
CNT	A.....	Bret Ketchum	
Corning	P.....	Doug Coleman	y
Corning	A.....	Steve E. Swanson	
Crossroads Sys.	P.....	John Tyndall	
Crossroads Sys.	A.....	Dexter Anderson	y
Crossroads Sys.	A#.....	David Douglas	
Dot Hill	P.....	Elizabeth Rodriguez	y
EMC	P.....	Gary S. Robinson	y
EMC	A.....	Gregory McSorley	
Emulex	P.....	Bob Nixon	y
Emulex	A.....	Ken Hirata	
ENDL	P.....	Ralph Weber	y
ENDL	A.....	Dal Allan	
eSilicon Corporation	P.....	Frank Barber	y
eSilicon Corporation	A.....	Rakesh Chadha	
FCI	P.....	Kevin Oursler	y
FCI	A.....	David Sideck	
FSI	P.....	Gary Stephens	y
Fujikura	P.....	Nabil Osman	nv
Fujikura	A.....	Hari Naidu	
Fujitsu	P.....	Mike Fitzpatrick	y
General Dynamics	P.....	Arne Niska	nv
General Dynamics	A.....	Kent Lindell	
Hitachi Data Sys	P.....	Hidehisa Shitomi	nv
Hitachi GST	P.....	Dan Colegrove	
Hitachi GST	A.....	Werner Glinka	y
Hewlett Packard	P.....	Bill Ham	y
Hewlett Packard	A.....	Mark Hamel	
IBM	P.....	Ken Hallam	nv
IBM	A.....	Robert Dugan	
Infineon	P.....	Richard Johnson	y
Infineon	A.....	Vasanta Rao	
Intel	P.....	Schelto van Doorn	y
Intel	A.....	Bill Bissonette	
JDS	P.....	Eric Borisch	y
JDS	A.....	Elfte Favreau	
LSI Logic	P.....	Curtis Ridgeway	
LSI Logic	A.....	Michael Jenkins	
LSI Logic	A#.....	John Lohmeyer	y
Lucent	P.....	Richard Di Pasquale	y
McData	P.....	Scott Kipp	y
McData	A.....	Larry Hofer	
Molex	P.....	Jay Neer	y
Nortel	P.....	Graham Copley	y
Northrop Grumman	P.....	James Nelson	y
PacketLight Networks	P.....	Navot Oren	y
PMC-Sierra	P.....	Yuriy Greshishchev	nv
PMC-Sierra	A.....	William Wang	
PrecisionFC	P.....	Gary Warden	y
PrecisionFC	A.....	Jing Kwok	

QLogic	P..... Craig Carlson	y
QLogic	A..... Skip Jones	
QLogic	A#..... Ed McGlaughlin	
Seagate	P..... James Coomes	y
Seagate	A..... Allen Kramer	
Sierra-Logic	P..... William R. Martin	y
Sierra-Logic	A..... Matt Wakeley	
Smiths Aerospace	P..... John Schroeder	y
Smiths Aerospace	A..... Todd Pepper	
Solution Tech.	P..... Robert Kembel	y
Solution Tech.	A..... David Deming	
ST	P..... Gianfranco Scherini	y
ST	A..... Roland Marbot	
StorageTek	P..... Matt Gaffney	nv
StorageTek	A..... Joe Gruba	
Sun Microsystems	P..... Vit Novak	y
Sun Microsystems	A..... Steve Sletten	
Tartan	P..... Rich Taborek	nv
Tartan	A..... Arline Taborek	
TI	P..... Rajeev Jain	a
TI	A..... Stephen Hubbins	
TrueFocus	P..... Horst Truedtedt	
TrueFocus	A..... Jeanne Truedtedt	y
Tyco	P..... Andrew Nowak	nv
Tyco	A..... Bob Atkinson	
Veritas	P..... Roger Cummings	y
Veritas	A..... Roger Reich	
Xyratex	P..... Paul Levin	y
Xyratex	A..... Rich Ramos	

The rollcall carried 39 For, 0 Opposed, with 0 Abstaining and 13 Not Voting. This meets the two-thirds rule.

Representatives of Brocade and Emulex have indicated by letter that the comment resolution will cause them to change their negative vote to affirmative.

13.4 Other Items

None

14 Review of International Activity

14.1 ISO Status Report

Gary Robinson of EMC, T11 IR, made a report on ISO status (T11/04-640v1):

1. *Project 1.25.13.13.15 - Fibre Channel (FC) Generic Services 4 (FC-GS-4) [14165-414]*

GS-4 FCD text sent to INCITS for contributing to SC25, BUT before we can send FCD text we need to get our "bookkeeping" correct, INCITS requested we approve a set of motions to do this.

2. *Project 1.25.13.13.18 - Fibre Channel (FC) Audio-Visual Transport (FC-AV) [14165-321]*

FCD Approved, SC25 N923. In FDIS ballot.

3. *Project 1.25.13.13.20 - Fibre Channel (FC) Back Bone (FC-BB-2) [14165-241]*

FCD Submitted 25n894, out for ballot

4. Project 1.25.13.13.21 - Fibre Channel (FC) 100 Twisted Pair (FC-100-TP) [14165-114]

SC25N757 US voted NO with comments but FCD has been approved. SC25 Secretary trying to determine next step.

5. Project 1.25.13.13.22 - Fibre Channel (FC) Framing and Signaling Interface (FC-FS) [14165-251]

US voted to approve FCD.

6. Project 1.25.13.13.24 - Fibre Channel (FC) Physical Interface (FC-PI) [14165-115], N971

out for FCD ballot.

7. Project 1.25.13.13.25 - Fibre Channel (FC) Switch Fabric-3 (FC-SW-3) [14165-132]

New Work Item Proposal T11/04-234v1 sent to SC25, will need FCD text On hold because of IP issue (patents)

8. Project 1.25.13.13.26 - Fibre Channel (FC) Virtual Interface Architecture Mapping (FC-VI) [14165-331]

FCD approved SC25 N966. Out for FDIS ballot.

9. Project 1.25.13.13.27 - Fibre Channel 10 Gigabit (10GFC) [14165-116]

US voted to approve FCD

10. Project 1.25.13.13.nn - Technical Report for Fibre Channel - Methodologies for Jitter and

Signal Quality Specification, - MJSQ [14165-*nnn*]

NWIP submitted)25n926a, US voted YES, need PDAM text

11. Project 1.25.13.13.nn - Fibre Channel (FC) Arbitrated Loop-2 Amendment 1(FC-AL-2)

NWIP 14165-122, T11 submitted NWIP, T11/03-734v0/04-041v0, JTC1N7412, have text but not in the form JTC1 Secretariat needs.

12. Project 1.25.13.17 Responsive Link, NWIP JTC1N7436 submitted by Japan, approved.

13. Project 1.25.13.nn SMI-S from SNIA/INCITS. Approved by INCITS, sent to ANSI. The NWIP motion will be presented here when said MoA is approved. Motion just approved.

14.2 ISO Motions and other actions

14.2.1 FC-GS-2 Withdrawal

Motion to Request JTC1/SC25 to remove Project 1.25.13.13.17 - Fibre Channel (FC) Generic Services 2 (FC-GS-2) [14165-412] from their Program of Work.

MOTION (Robinson/Snively): T11 requests the SC25 TAG to inform JTC1/SC25 Secretariat that Project 1.25.13.13.17 - Fibre Channel (FC) Generic Services 2 (FC-GS-2) [14165-412] should not be on the SC25 Program of Work

The result of the rollcall (U.S. Domiciled organizations only) was:

Agere	P..... John Kulick	nv
Agere	A..... Jeffrey Saunders	
Agilent	P..... Roy Elsbernd	nv
Agilent	A..... Narayan Ayalasomayajula	
Agilent	A#..... Gregg Goyins	
AMCC	P..... Haluk Aytac	y
AMCC	A..... Mike Scholten	
AMCC	A#..... Scott Denton	
AMCC	A#..... Dirk Colpaart	

AMPHENOL	P.....	Michael Wingard	y
AMPHENOL	A.....	Ron Kleckowski	
Ancot	P.....	Jan V. Dedek	nv
Ancot	A.....	Bart Raudebaugh	
Broadcom	P.....	Ali Ghiasi	y
Broadcom	A.....	Murali Rajagopal	
Brocade Comms.	P.....	Robert Snively	y
Brocade Comms.	A.....	Steven L. Wilson	
Ciena	P.....	Chris Janz	y
Cisco	P.....	Silvano Gai	
Cisco	A.....	Claudio DeSanti	y
Cisco	A.....	Fabio Maino	
CNT	P.....	David Peterson	nv
CNT	A.....	Bret Ketchum	
Corning	P.....	Doug Coleman	y
Corning	A.....	Steve E. Swanson	
Crossroads Sys.	P.....	John Tyndall	
Crossroads Sys.	A.....	Dexter Anderson	y
Crossroads Sys.	A#.....	David Douglas	
Dot Hill	P.....	Elizabeth Rodriguez	nv
EMC	P.....	Gary S. Robinson	y
EMC	A.....	Gregory McSorley	
Emulex	P.....	Bob Nixon	y
Emulex	A.....	Ken Hirata	
ENDL	P.....	Ralph Weber	y
ENDL	A.....	Dal Allan	
eSilicon Corporation	P.....	Frank Barber	y
eSilicon Corporation	A.....	Rakesh Chadha	
FCI	P.....	Kevin Oursler	y
FCI	A.....	David Sideck	
FSI	P.....	Gary Stephens	y
Fujikura	P.....	Nabil Osman	nv
Fujikura	A.....	Hari Naidu	
Fujitsu	P.....	Mike Fitzpatrick	y
General Dynamics	P.....	Arne Niska	nv
General Dynamics	A.....	Kent Lindell	
Hitachi Data Sys	P.....	Hidehisa Shitomi	nv
Hitachi GST	P.....	Dan Colegrove	
Hitachi GST	A.....	Werner Glinka	y
Hewlett Packard	P.....	Bill Ham	y
Hewlett Packard	A.....	Mark Hamel	
IBM	P.....	Ken Hallam	nv
IBM	A.....	Robert Dugan	
Infineon	P.....	Richard Johnson	y
Infineon	A.....	Vasanta Rao	
Intel	P.....	Schelto van Doorn	y
Intel	A.....	Bill Bissonette	
JDS	P.....	Eric Borisch	y
JDS	A.....	Elfte Favreau	
LSI Logic	P.....	Curtis Ridgeway	
LSI Logic	A.....	Michael Jenkins	
LSI Logic	A#.....	John Lohmeyer	y

Lucent	P.....	Richard Di Pasquale	y
McData	P.....	Scott Kipp	y
McData	A.....	Larry Hofer	
Molex	P.....	Jay Neer	y
Nortel	P.....	Graham Copley	ne
Northrop Grumman	P.....	James Nelson	y
PacketLight Networks	P.....	Navot Oren	ne
PMC-Sierra	P.....	Yuriy Greshishchev	nv
PMC-Sierra	A.....	William Wang	
PrecisionFC	P.....	Gary Warden	y
PrecisionFC	A.....	Jing Kwok	
QLogic	P.....	Craig Carlson	y
QLogic	A.....	Skip Jones	
QLogic	A#.....	Ed McGlaughlin	
Seagate	P.....	James Coomes	y
Seagate	A.....	Allen Kramer	
Sierra-Logic	P.....	William R. Martin	y
Sierra-Logic	A.....	Matt Wakeley	
Smiths Aerospace	P.....	John Schroeder	y
Smiths Aerospace	A.....	Todd Pepper	
Solution Tech.	P.....	Robert Kembel	y
Solution Tech.	A.....	David Deming	
ST	P.....	Gianfranco Scherini	ne
ST	A.....	Roland Marbot	
StorageTek	P.....	Matt Gaffney	nv
StorageTek	A.....	Joe Gruba	
Sun Microsystems	P.....	Vit Novak	y
Sun Microsystems	A.....	Steve Sletten	
Tartan	P.....	Rich Taborek	nv
Tartan	A.....	Arline Taborek	
TI	P.....	Rajeev Jain	y
TI	A.....	Stephen Hubbins	
TrueFocus	P.....	Horst Truedtedt	y
TrueFocus	A.....	Jeanne Truedtedt	
Tyco	P.....	Andrew Nowak	nv
Tyco	A.....	Bob Atkinson	
Veritas	P.....	Roger Cummings	y
Veritas	A.....	Roger Reich	
Xyratex	P.....	Paul Levin	ne
Xyratex	A.....	Rich Ramos	

The rollcall carried 35 For, 0 Opposed with 0 Abstaining and 13 Not Voting. This meets the two-thirds rule.

14.2.2 GS-3 Withdrawal

MOTION 2 to Request JTC1/SC25 to remove Project 1.25.13.13.23 - Fibre Channel (FC) Generic Services 3 (FC-GS-3) [14165-413] from their Program of Work.

MOTION (Robinson/Snively): T11 requests the SC25 TAG to inform JTC1/SC25 Secretariat that Project 1.25.13.13.23 - Fibre Channel (FC) Generic Services 3 (FC-GS-3) [14165-413] should not be on the SC25 Program of Work.

The result of the rollcall (U.S. Domiciled organizations only) was:

Agere	P.....	John Kulick	nv
Agere	A.....	Jeffrey Saunders	
Agilent	P.....	Roy Elsbernd	nv
Agilent	A.....	Narayan Ayalasomayajula	
Agilent	A#.....	Gregg Goyins	
AMCC	P.....	Haluk Aytac	y
AMCC	A.....	Mike Scholten	
AMCC	A#.....	Scott Denton	
AMCC	A#.....	Dirk Colpaart	
AMPHENOL	P.....	Michael Wingard	y
AMPHENOL	A.....	Ron Kleckowski	
Ancot	P.....	Jan V. Dedek	nv
Ancot	A.....	Bart Raudebaugh	
Broadcom	P.....	Ali Ghiasi	y
Broadcom	A.....	Murali Rajagopal	
Brocade Comms.	P.....	Robert Snively	y
Brocade Comms.	A.....	Steven L. Wilson	
Ciena	P.....	Chris Janz	y
Cisco	P.....	Silvano Gai	
Cisco	A.....	Claudio DeSanti	y
Cisco	A.....	Fabio Maino	
CNT	P.....	David Peterson	nv
CNT	A.....	Bret Ketchum	
Corning	P.....	Doug Coleman	y
Corning	A.....	Steve E. Swanson	
Crossroads Sys.	P.....	John Tyndall	
Crossroads Sys.	A.....	Dexter Anderson	y
Crossroads Sys.	A#.....	David Douglas	
Dot Hill	P.....	Elizabeth Rodriguez	nv
EMC	P.....	Gary S. Robinson	y
EMC	A.....	Gregory McSorley	
Emulex	P.....	Bob Nixon	y
Emulex	A.....	Ken Hirata	
ENDL	P.....	Ralph Weber	y
ENDL	A.....	Dal Allan	
eSilicon Corporation	P.....	Frank Barber	y
eSilicon Corporation	A.....	Rakesh Chadha	
FCI	P.....	Kevin Oursler	y
FCI	A.....	David Sideck	
FSI	P.....	Gary Stephens	y
Fujikura	P.....	Nabil Osman	nv
Fujikura	A.....	Hari Naidu	
Fujitsu	P.....	Mike Fitzpatrick	y
General Dynamics	P.....	Arne Niska	nv
General Dynamics	A.....	Kent Lindell	
Hitachi Data Sys	P.....	Hidehisa Shitomi	nv
Hitachi GST	P.....	Dan Colegrove	
Hitachi GST	A.....	Werner Glinka	y
Hewlett Packard	P.....	Bill Ham	y
Hewlett Packard	A.....	Mark Hamel	
IBM	P.....	Ken Hallam	nv
IBM	A.....	Robert Dugan	

Infineon	P.....	Richard Johnson	y
Infineon	A.....	Vasanta Rao	
Intel	P.....	Schelto van Doorn	y
Intel	A.....	Bill Bissonette	
JDS	P.....	Eric Borisch	y
JDS	A.....	Elfte Favreau	
LSI Logic	P.....	Curtis Ridgeway	
LSI Logic	A.....	Michael Jenkins	
LSI Logic	A#.....	John Lohmeyer	y
Lucent	P.....	Richard Di Pasquale	y
McData	P.....	Scott Kipp	y
McData	A.....	Larry Hofer	
Molex	P.....	Jay Neer	y
Nortel	P.....	Graham Copley	ne
Northrop Grumman	P.....	James Nelson	y
PacketLight Networks	P.....	Navot Oren	ne
PMC-Sierra	P.....	Yuriy Greshishchev	nv
PMC-Sierra	A.....	William Wang	
PrecisionFC	P.....	Gary Warden	y
PrecisionFC	A.....	Jing Kwok	
QLogic	P.....	Craig Carlson	y
QLogic	A.....	Skip Jones	
QLogic	A#.....	Ed McGlaughlin	
Seagate	P.....	James Coomes	y
Seagate	A.....	Allen Kramer	
Sierra-Logic	P.....	William R. Martin	y
Sierra-Logic	A.....	Matt Wakeley	
Smiths Aerospace	P.....	John Schroeder	y
Smiths Aerospace	A.....	Todd Pepper	
Solution Tech.	P.....	Robert Kembel	y
Solution Tech.	A.....	David Deming	
ST	P.....	Gianfranco Scherini	ne
ST	A.....	Roland Marbot	
StorageTek	P.....	Matt Gaffney	nv
StorageTek	A.....	Joe Gruba	
Sun Microsystems	P.....	Vit Novak	y
Sun Microsystems	A.....	Steve Sletten	
Tartan	P.....	Rich Taborek	nv
Tartan	A.....	Arline Taborek	
TI	P.....	Rajeev Jain	y
TI	A.....	Stephen Hubbins	
TrueFocus	P.....	Horst Truestedt	y
TrueFocus	A.....	Jeanne Truestedt	
Tyco	P.....	Andrew Nowak	nv
Tyco	A.....	Bob Atkinson	
Veritas	P.....	Roger Cummings	y
Veritas	A.....	Roger Reich	
Xyratex	P.....	Paul Levin	ne
Xyratex	A.....	Rich Ramos	

The motion carried 35 For, 0 Opposed, with 0 Abstaining and 13 Not Voting. This meets the two-thirds rule

14.2.3 FC-GS-4 NWIP

MOTION 3:

Motion to Request JTC1/SC25 to add Project 1.25.13.13.15 - Fibre Channel (FC) Generic

Services 4 (FC-GS-4) [14165-414] to their Program of Work and for the US to vote YES when the ballot for the NWIP is received.

MOTION (Robinson/Snively): T11 has reviewed the New Work Item Proposal on Fibre Channel (FC) Generic Services 4 (FC-GS-4) [14165-414], T11/04-643v0, and recommends the NWIP as a US contribution to JTC1/SC25 and to approve the NP to be issued by SC25 as Project 1.25.13.13.15, answering the 6 questions 'Yes' and naming Gary S. Robinson as project editor.

The result of the rollcall vote (U.S. domiciled only) was:

Agere	P..... John Kulick	nv
Agere	A..... Jeffrey Saunders	
Agilent	P..... Roy Elsbernd	nv
Agilent	A..... Narayan Ayalasomayajula	
Agilent	A#..... Gregg Goyins	
AMCC	P..... Haluk Aytac	y
AMCC	A..... Mike Scholten	
AMCC	A#..... Scott Denton	
AMCC	A#..... Dirk Colpaart	
AMPHENOL	P..... Michael Wingard	y
AMPHENOL	A..... Ron Kleckowski	
Ancot	P..... Jan V. Dedek	nv
Ancot	A..... Bart Raudebaugh	
Broadcom	P..... Ali Ghiasi	y
Broadcom	A..... Murali Rajagopal	
Brocade Comms.	P..... Robert Snively	y
Brocade Comms.	A..... Steven L. Wilson	
Ciena	P..... Chris Janz	y
Cisco	P..... Silvano Gai	
Cisco	A..... Claudio DeSanti	y
Cisco	A..... Fabio Maino	
CNT	P..... David Peterson	nv
CNT	A..... Bret Ketchum	
Corning	P..... Doug Coleman	y
Corning	A..... Steve E. Swanson	
Crossroads Sys.	P..... John Tyndall	
Crossroads Sys.	A..... Dexter Anderson	y
Crossroads Sys.	A#..... David Douglas	
Dot Hill	P..... Elizabeth Rodriguez	nv
EMC	P..... Gary S. Robinson	y
EMC	A..... Gregory McSorley	
Emulex	P..... Bob Nixon	y
Emulex	A..... Ken Hirata	
ENDL	P..... Ralph Weber	y
ENDL	A..... Dal Allan	
eSilicon Corporation	P..... Frank Barber	y
eSilicon Corporation	A..... Rakesh Chadha	
FCI	P..... Kevin Oursler	y
FCI	A..... David Sideck	

FSI	P..... Gary Stephens	y
Fujikura	P..... Nabil Osman	nv
Fujikura	A..... Hari Naidu	
Fujitsu	P..... Mike Fitzpatrick	y
General Dynamics	P..... Arne Niska	nv
General Dynamics	A..... Kent Lindell	
Hitachi Data Sys	P..... Hidehisa Shitomi	nv
Hitachi GST	P..... Dan Colegrove	
Hitachi GST	A..... Werner Glinka	y
Hewlett Packard	P..... Bill Ham	y
Hewlett Packard	A..... Mark Hamel	
IBM	P..... Ken Hallam	nv
IBM	A..... Robert Dugan	
Infineon	P..... Richard Johnson	y
Infineon	A..... Vasanta Rao	
Intel	P..... Schelto van Doorn	y
Intel	A..... Bill Bissonette	
JDS	P..... Eric Borisch	y
JDS	A..... Elfte Favreau	
LSI Logic	P..... Curtis Ridgeway	
LSI Logic	A..... Michael Jenkins	
LSI Logic	A#..... John Lohmeyer	y
Lucent	P..... Richard Di Pasquale	y
McData	P..... Scott Kipp	y
McData	A..... Larry Hofer	
Molex	P..... Jay Neer	y
Nortel	P..... Graham Copley	ne
Northrop Grumman	P..... James Nelson	y
PacketLight Networks	P..... Navot Oren	ne
PMC-Sierra	P..... Yuriy Greshishchev	nv
PMC-Sierra	A..... William Wang	
PrecisionFC	P..... Gary Warden	y
PrecisionFC	A..... Jing Kwok	
QLogic	P..... Craig Carlson	y
QLogic	A..... Skip Jones	
QLogic	A#..... Ed McGlaughlin	
Seagate	P..... James Coomes	y
Seagate	A..... Allen Kramer	
Sierra-Logic	P..... William R. Martin	y
Sierra-Logic	A..... Matt Wakeley	
Smiths Aerospace	P..... John Schroeder	y
Smiths Aerospace	A..... Todd Pepper	
Solution Tech.	P..... Robert Kembel	y
Solution Tech.	A..... David Deming	
ST	P..... Gianfranco Scherini	ne
ST	A..... Roland Marbot	
StorageTek	P..... Matt Gaffney	nv
StorageTek	A..... Joe Gruba	
Sun Microsystems	P..... Vit Novak	y
Sun Microsystems	A..... Steve Sletten	
Tartan	P..... Rich Taborek	nv
Tartan	A..... Arline Taborek	

TI	P.....	Rajeev Jain	y
TI	A.....	Stephen Hubbins	
TrueFocus	P.....	Horst Truedstedt	y
TrueFocus	A.....	Jeanne Truedstedt	
Tyco	P.....	Andrew Nowak	nv
Tyco	A.....	Bob Atkinson	
Veritas	P.....	Roger Cummings	y
Veritas	A.....	Roger Reich	
Xyratex	P.....	Paul Levin	ne
Xyratex	A.....	Rich Ramos	

The motion carried 35 For, 0 Opposed, with 0 Abstaining and 13 Not Voting. This meets the two-thirds rule.

14.2.4 SMI-S Forwarding

MOTION 4:

Motion to Approve Forwarding of NWIP to JTC1/SC25 and Recommend SC25 TAG Vote YES on SC25 Ballot

MOTION (Robinson/Snively): T11 has reviewed the new work item proposal on Storage Management Initiative Specification (SMI-S) from SNIA/INCITS, and recommends the NWIP (T11/04-427v0) as a US contribution to JTC1/SC25 and to approve the NP to be issued by SC25, answering the 6 questions 'Yes' and naming Gary S. Robinson as project editor.

The result of the rollcall vote (U.S. Domiciled organizations only) was:

Agere	P.....	John Kulick	nv
Agere	A.....	Jeffrey Saunders	
Agilent	P.....	Roy Elsbernd	nv
Agilent	A.....	Narayan Ayalasomayajula	
Agilent	A#.....	Gregg Goyins	
AMCC	P.....	Haluk Aytac	y
AMCC	A.....	Mike Scholten	
AMCC	A#.....	Scott Denton	
AMCC	A#.....	Dirk Colpaart	
AMPHENOL	P.....	Michael Wingard	y
AMPHENOL	A.....	Ron Kleckowski	
Ancot	P.....	Jan V. Dedek	nv
Ancot	A.....	Bart Raudebaugh	
Broadcom	P.....	Ali Ghiasi	y
Broadcom	A.....	Murali Rajagopal	
Brocade Comms.	P.....	Robert Snively	y
Brocade Comms.	A.....	Steven L. Wilson	
Ciena	P.....	Chris Janz	y
Cisco	P.....	Silvano Gai	
Cisco	A.....	Claudio DeSanti	y
Cisco	A.....	Fabio Maino	
CNT	P.....	David Peterson	nv
CNT	A.....	Bret Ketchum	
Corning	P.....	Doug Coleman	y
Corning	A.....	Steve E. Swanson	
Crossroads Sys.	P.....	John Tyndall	
Crossroads Sys.	A.....	Dexter Anderson	y
Crossroads Sys.	A#.....	David Douglas	

Dot Hill	P.....	Elizabeth Rodriguez	nv
EMC	P.....	Gary S. Robinson	y
EMC	A.....	Gregory McSorley	
Emulex	P.....	Bob Nixon	y
Emulex	A.....	Ken Hirata	
ENDL	P.....	Ralph Weber	y
ENDL	A.....	Dal Allan	
eSilicon Corporation	P.....	Frank Barber	y
eSilicon Corporation	A.....	Rakesh Chadha	
FCI	P.....	Kevin Oursler	y
FCI	A.....	David Sideck	
FSI	P.....	Gary Stephens	y
Fujikura	P.....	Nabil Osman	nv
Fujikura	A.....	Hari Naidu	
Fujitsu	P.....	Mike Fitzpatrick	y
General Dynamics	P.....	Arne Niska	nv
General Dynamics	A.....	Kent Lindell	
Hitachi Data Sys	P.....	Hidehisa Shitomi	nv
Hitachi GST	P.....	Dan Colegrove	
Hitachi GST	A.....	Werner Glinka	y
Hewlett Packard	P.....	Bill Ham	y
Hewlett Packard	A.....	Mark Hamel	
IBM	P.....	Ken Hallam	nv
IBM	A.....	Robert Dugan	
Infineon	P.....	Richard Johnson	y
Infineon	A.....	Vasanta Rao	
Intel	P.....	Schelto van Doorn	y
Intel	A.....	Bill Bissonette	
JDS	P.....	Eric Borisch	y
JDS	A.....	Elfte Favreau	
LSI Logic	P.....	Curtis Ridgeway	
LSI Logic	A.....	Michael Jenkins	
LSI Logic	A#.....	John Lohmeyer	y
Lucent	P.....	Richard Di Pasquale	y
McData	P.....	Scott Kipp	y
McData	A.....	Larry Hofer	
Molex	P.....	Jay Neer	y
Nortel	P.....	Graham Copley	ne
Northrop Grumman	P.....	James Nelson	y
PacketLight Networks	P.....	Navot Oren	ne
PMC-Sierra	P.....	Yuriy Greshishchev	nv
PMC-Sierra	A.....	William Wang	
PrecisionFC	P.....	Gary Warden	y
PrecisionFC	A.....	Jing Kwok	
QLogic	P.....	Craig Carlson	y
QLogic	A.....	Skip Jones	
QLogic	A#.....	Ed McGlaughlin	
Seagate	P.....	James Coomes	y
Seagate	A.....	Allen Kramer	
Sierra-Logic	P.....	William R. Martin	y
Sierra-Logic	A.....	Matt Wakeley	
Smiths Aerospace	P.....	John Schroeder	y

Smiths Aerospace	A..... Todd Pepper	
Solution Tech.	P..... Robert Kembel	y
Solution Tech.	A..... David Deming	
ST	P..... Gianfranco Scherini	ne
ST	A..... Roland Marbot	
StorageTek	P..... Matt Gaffney	nv
StorageTek	A..... Joe Gruba	
Sun Microsystems	P..... Vit Novak	y
Sun Microsystems	A..... Steve Sletten	
Tartan	P..... Rich Taborek	nv
Tartan	A..... Arline Taborek	
TI	P..... Rajeev Jain	y
TI	A..... Stephen Hubbins	
TrueFocus	P..... Horst Truedstedt	y
TrueFocus	A..... Jeanne Truedstedt	
Tyco	P..... Andrew Nowak	nv
Tyco	A..... Bob Atkinson	
Veritas	P..... Roger Cummings	y
Veritas	A..... Roger Reich	
Xyratex	P..... Paul Levin	ne
Xyratex	A..... Rich Ramos	

The motion carried 35 For, 0 Opposed, with 0 Abstaining and 13 Not Voting. This meets the two-thirds rule.

14.2.5 Letter Ballot on NWIP for Responsive Link SC25 N974

The ballot on the proposed US position (T11/04-581v1) was approved with a vote of 40 For, 0 Opposed, with 6 Abstaining and 4 Not Voting. This met the two-thirds rule, and the result was transmitted to INCITS as document T11/04-595v0.

14.3 Other Items

None.

15 T11 New Business & New Technical Items

15.1 Other New Business

None was offered.

16 Call for Patents

In accordance with INCITS patent policies and guidelines, the chair made a call for patents that related to the standards being developed by this task group.

Those companies wishing to file a patent declaration should send it to the chair of TC T11, with copies to Lynn Barra at INCITS (lbarra@itic.org).

The INCITS patent policies specified in clause 8 of RD-1, "Policies and Guidelines" (available at http://www.incits.org/sd9_rev1c.htm) are modeled on the ANSI patent policies.

A convenient overview of the ANSI patent policy is available on the ANSI web-site at

<http://public.ansi.org/ansionline/Documents/News%20and%20Publications/Speeches/Patents/AIPLA10-03.pdf>.

A guideline for implementing the patent policy is available on the ANSI web-site at

<http://public.ansi.org/ansionline/Documents/Standards%20Activities/American%20National%20Standards/Procedures,%20Guides,%20and%20Forms/PATPOL.DOC>

RESPONSE TO CALL FOR PATENTS

IBM has declared that it has patents, which apply to the practice of FC and SBCON, and that they will comply with the ANSI patent policy.

The contact is:

IBM Corp.
Director of Licensing
North Castle Dr.
Armonk, NY. 10504-1785

McDATA Corporation has notified the American National Standards Institute that it holds patents that are applicable to FC-BB, FC-PH, FC-FS, FC-LS, FC-SW, FC-SP, and FC-GS, and that they will comply with the ANSI patent policy. The patents include those previously disclosed by Nishan Systems, Inc. See T11/04-239v0. The contact is:

Kathleen A. McMann
Phone: (303)460-3277, Fax (303)460-3235,
Email: kathy.mcmann@mcddata.com

Agilent Technologies has notified the American National Standards Institute that it holds patents applicable to 10GFC, and that they will comply with the ANSI patent policy. The contact is:

Agilent Technologies, Inc.
Legal Department, Patent Out-Licensing Section
3000 Hanover street
Palo Alto, CA 94304

Lucent has notified the American National Standards Institute that if it holds patents applicable to SRP, it will comply with the ANSI patent policy. The contact is:

Bill Carter
Intellectual Property Manager
Lucent Technologies
908-582-2156
carterwr@lucent.com

Brocade Communications Systems, Inc. has notified the American National Standards Institute that it holds patents, and will comply with the ANSI patent policy. For the patent held for FC-SW-3, see T11/04-607v0. The

contact is:

Mark Cochran, Vice President and General Counsel
1745 Technology Drive
San Jose, CA 95110
(408) 392-5225
mcochran@brocade.com

Wavecrest Corporation has notified INCITS that they have patents which apply to several of the test methods in the FC-MJSQ standard. They have indicated that they will comply with the ANSI Patent Policy. The contact is:

John Patrin
Director of Product Marketing
7626 Golden Triangle Dr.
Eden Prairie, MN 55344
952 831 0030
Fax: 952 831 4474

Cisco Systems, Inc. has notified INCITS that they have acquired Andiamo Systems, Inc., including pending patents that may relate to FC-SP, FC-FS, FC-FS-2, FC-LS, FC-GS-4, FC-SW-3, FC-BB-2, and FAIS. Cisco Systems, Inc. has indicated that it will comply with the ANSI Patent Policy. The contact is:

Robert Barr
VP, Intellectual Property
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
408 562 4000
Fax: 408 526 4100

Tyco Electronics Corporation has notified INCITS that they have patents which may apply to standards being developed in T11. It has also indicated that it has patents associated with the T11.2 HSSDC-2 connector. They have indicated that they will comply with the ANSI Patent Policy. The contact is:

Driscoll A. Nina
Director of Intellectual Property
Tyco Electronics Corporation
c/o Tyco Electronics Logistics AG

Amperstrasse 3
9323 Steinach, Switzerland
41-71-447-0980
Fax: 41-71-447-0495

17 Anti-Trust Guidelines

The Chair noted that the INCITS Antitrust Guidelines (see <http://www.incits.org/inatrust.htm>) applied to this task group meeting, and that it was the responsibility of all attenders, and not just the Officers, to ensure that the Guidelines are followed, and to terminate discussions if they are not.

18 Liaison Reports

18.1 INCITS Report, activities other than T11 Status

Bob Snively of Brocade, T11 Chair, presented the following report:

• INCITS Activities

- *The INCITS board meetings were held July 19-23, 2004 in New York, NY.*
- *Letter ballot on T11 chair was issued, ends October 7, 2004.*
- *RD-2 modified. Most significant change for us is public review drops from 2 months to 45 days because of electronic documents. See in041079.*
- *The INCITS Standards Policy Board is considering restricting some access to INCITS documents to members. Not clear if this affects us. We have sent a formal letter of concern.*
- *INCITS has requested ANSI take a position encouraging ISO to allow free use of their lists, especially the two-letter country abbreviations. ISO is considering charging for them.*

• JTC-1 Activities

- *The PBC will prepare revised RD-2 text with the requirement that US delegates must be paying members of the appropriate US TAG. (July A.I.)*
- *Published Tech Watch conclusions. See T11/04-618v0.*
- *Free access to standards will be permitted for standardization purposes, i.e. any JTC 1 or ISO committee or subgroup may apply to the ITTF (ISO Central Secretariat) for free access to any standard necessary for a current standards project. Normally, the ITTF will authorize the downloading of such documents to allow a committee secretariat or WG convenor/project editor to further distribute the documents to officially designated participants in the work of the group concerned. (JTC1 N7604)*
- *UK requesting JTC-1 use standard IPR disclosure forms (JTC1 N7570)*

18.1.1 JTC-1 J1N7529, Technology Watch Conclusions and Wrap-up

Bob Snively made reference to the presentation, uploaded as T11/04-618v0.

18.1.2 INCITS RD-2 modifications (in041079)

Bob Snively presented in041079, which describes the changes to INCITS document SD-2, which are the rules and procedures under which INCITS, TCs, and TGs are to operate.

18.2 TC T10 (T11/04-638v0)

John Lohmeyer of LSI Logic, Chair of T10, made the following report:

T10 met last in Nashua, NH on Thursday September 16, 2004 with 36 people present. Membership is at 41 voting organizations.

T10 forwarded ADC rev 7, MMC-4 rev 3d, and SAM-3 rev 14 to INCITS for first public review.

T10 approved project proposals for OSD-2, SPC-4, and SMC-3.

T10 is continuing to resolve comments on the ADT letter ballot.

The Management Server Commands (MSC) project (1528-D) was renamed Bridge Controller Commands (BCC).

A NWIP (T10/04-254r0) for an ISO/IEC project on SAM-3 was forwarded to INCITS.

The SBC-2 forwarding letter ballot passed 26:6:4:4=40. Excellent progress was made at the CAP working group on resolving the comments. We expect to forward SBC-2 to INCITS for 1PR at the November meeting.

Crossroads Systems will host the next plenary meeting of T10 November 11, 2004 in Austin, TX at the Driskill Hotel (512-474-5911). The meeting will begin at 9:00 a.m. on Thursday. Several ad hoc meetings are also scheduled earlier that week and as follows:

Meeting Date	Location / Contact
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ADI Calls TBD	To be announced via T10 reflector
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ADI Call Oct 7	To be announced via T10 reflector
----------------	-----------------------------------

SAS Prot Calls TBD To be announced via T10 reflector

SAT WG Call Oct 14 9:00 PDT Notice (TBA) / Bob Sheffield

SAT WG Oct 21-22, 2004 With T13 in Las Vegas / Sumit Puri

SAT WG Dec 16-17, 2004 With T13 in Las Vegas / Dan Colegrove

The T10 web, ftp, and reflector sites are: <http://www.t10.org/> mirror site: <http://www.t11.org/t10/> ftp://ftp.t10.org/ reflector: majordomo@t10.org T10 Minutes: http://www.t10.org/t10_mins.htm

18.3 FCIA

Werner Glinka of Hitachi GST, FCIA Chair, made a presentation of T11/04-695v0.

18.4 IEEE

Schelto van Doorn made a presentation of T11/04-703v0.

18.5 IETF (T11/04-685v0)

David Black, on behalf of Elizabeth Rodriguez of Dot Hill made the following presentation:

Draft Status Updates

- The iSNS draft has been approved for publication.
 - iFCP and iSNS will be published together, as soon as they get through the RFC editors queue.
- The DHC-iSNS option is also almost through the IESG.
- iSCSI SLP and iSCSI Name Extension (NAA) draft also approved for publication.

RFC Editors Queue

- The only dependency of any draft in the RFC editors queue is the iSNS draft, pending the DHC iSNS Option draft. It is believed that this draft will be approved shortly.
- Once that happens, the following drafts will be published simultaneously:

- *iFCP*
- *iSNS*
- *DHC iSNS Option*
- *iSCSI SLP*
- *iSCSI Boot*

• *In addition, the iSCSI Name Extension draft is also approved for publication and will be published soon.*

IPS Status

• *All drafts currently in the working group, except iSNS MIB have been forwarded to the IESG for further processing.*

– *New iSNS MIB has been submitted. Elizabeth and Keith need to review prior to forwarding to the IESG.*

• *Charter will be revised to accept new work*

– *Two new drafts, related to iSCSI were accepted as working group work items on Monday:*

- *DA: Datamover Architecture for iSCSI*
- *iSER: iSCSI extensions for RDMA*

IPS Status: RFCs

- *RFC 3347 iSCSI Requirements*
- *RFC 3643 FC Frame Encapsulation*
- *RFC 3720 iSCSI*
- *RFC 3721 iSCSI Naming and Discovery*
- *RFC 3722 String Profile for iSCSI Names*
- *RFC 3723 IPS Security*
- *RFC 3783 SCSI Command Ordering*
- *RFC 3821 FCIP*
- *RFC 3822 FCIP SLPv2*
- *Various MIBs currently in expert review and feedback being provided back to the document authors for revision.*
- *IETF Last Call issued on FC-Mgmt MIB. Next step is IESG discussion.*
- *SCSI MIB – new MIB. Chair gathering differences for expert reviewer to evaluate changes.*
- *Expert review comments received and waiting for new version of the following MIBS:*
 - iSCSI*
 - Authorization*
 - FCIP*
- *New draft of iFCP MIB submitted and evaluated by expert reviewer. New draft to be submitted.*

- *New version of iSNS MIB submitted. Needs review by Elizabeth and Keith prior to submitting to IESG. (carryover)*

IMSS WG Status

- *IPv6 over Fibre Channel has published as RFC3831*
- *There is currently no other work in the hands of IMSS.*
 - *SM-FAM approved for forwarding in August.*
 - *SM-NSM will hopefully be submitted prior to the next IETF meeting (e.g. needs to be approved for forwarding this meeting.)*
- *Agenda for IMSS meeting will include discussion of new work, which includes Routing and FSPS MIBs as well as the new IPv4 over FC draft.*
- *The next IETF meeting will be held the week of November 7th in Washington D.C.*
 - *IPS will meet on Monday, November 8th*
 - *IMSS will likely meet on Tuesday, November 9th.*
- *The schedule will not be finalized until the week of October 25th!*
- *Meeting conflicts with T10 week*

18.6 Trusted Computing Group

There was no presentation.

19 Administrative Matters

19.1 Officer appointments

T11 TC and TG Officers

T11 Chair: Snively , Robert: rsnively at brocade dot com 408-333-8135 BROCADE COMMUNICATIONS

T11 International Representative: Robinson , Gary S.: robinson_gary at emc dot com 617-300-7242 EMC

T11 Secretary: Wanamaker , Neil: neil.wanamaker at finisar dot com 512.670.7303 FINISAR CORP.

T11 Vice-Chair: DeSanti , Claudio: cds at cisco dot com 408-853-9172 CISCO SYSTEMS, INC.

T11.2 Chair: Van Doorn , Schelto: schelto.vandoorn at intel dot com 408-398-2441 INTEL CORPORATION

T11.2 Secretary: Ham , Bill: bill_ham at ix dot netcom dot com 978-828-9102 Hewlett Packard

T11.2 Vice-Chair: Palkert , Tom: tpalkert at xilinx dot com 952 401 7997 XILINX

T11.3 Chair: Carlson , Craig: craig.carlson at qlogic dot com 952-932-4064 QLOGIC CORP.

T11.3 Secretary: Martin , William R.: bill_martin at sierralogic dot com 916-772-3658 SIERRA LOGIC

T11.3 Vice-Chair: Penokie , George: gop at us dot ibm dot com 507-253-5208 IBM TIVOLI SYSTEMS

T11.5 Chair: Cummings , Roger: roger.cummings at veritas dot com 407-357-7257 VERITAS SOFTWARE

T11.5 Secretary: Bhide , Parag: parag at aarohi dot net 408-434-6064 x239 AAROHI COMMUNICATIONS INC.

T11.5 Vice-Chair: Pulley , Robert: robert.pulley at crosswalkinc dot com (831) 662-2673 CROSSWALK INC.

20 FTP AND WEB SITES FOR T11

20.0.1 Wireless Information

No report was made.

20.0.2 Website Status Information

Roger Cummings of Veritas made the following presentation:

Status

- *Have had serious issues with FTP server since last meeting*
 - *Couldn't change the t11 member password after last meeting*
- *Finally managed to make change 8/30am*
 - *8/30 4.10pm server went down*
- *All accounts purged, s/w uninstalled itself*
 - *Took until 6.30pm on 9/02 to get server up again*
- *Had to reinstall the configuration manually*

Hurricanes!!!

- *Neither site nor access went down at all*
- *Issues with ftp access were due to my not restoring the configuration correctly*
 - *One effect was to prevent access to the T11 zip files from some types of FTP client*
- *Thanks to Horst Truestedt and Ken Hirata for pointing out the problems*
- *E-mail sent out to all reflectors that week warning of the problem*

Electronic Attendance

- *Was quite a success last time, so I'm running the prototype again this week*
 - *Please sign the attendance sheet AND use the electronic system this week*
- *Intent is to move to using ONLY the electronic system early next year*
- *A special "meeting password" is needed to be able to enter attendance*
 - *New top level URL (<http://www.t11.org/att>) will not change, can be bookmarked*
 - *Simplified the front page a little*

Electronic Attendance

- *Scheme designed to be usable for ALL meetings*
 - *plenaries, ad hocs, telecons*
 - *There's a pulldown field in the meeting form called "Use electronic attendance"*
 - *Ad Hoc Chairs should tell T11 Vice-Chair if they wish to use electronic attendance for their*

December meetings

- *Let me know if want to use it for any interim meetings*

Other changes

- *Attend text to request that uploaded PDF files be in Acrobat 4.x (PDF 1.4 format)*
- *Made major change to project definitions*

–Gave the IPv4FCand MIB projects a new designation so that they could be listed in the drafts view

- Created an agent to send out automated 30 day and 2 week reminders*

Fixed Problems

- Corrected check for T11 Project Proposal that was stopping some projects from being updated*
- Deleted a bunch of drafts for published projects from the drafts view*
- Am still working on why some published projects haven't been moved over to the /member tree*

Known Problems Still Existing

- “Clearing fields” problem*
- Fixing jeopardy calculation*
- Two Issues in membership DB that cause:*
 - Rep Type to not be displayed correctly*
 - Membership listing not to update correctly after change*

Web Site Help

- User Guide is at <http://www.t11.org/ug.html>*
- Web-site tutorial handouts are 03-401v0*
- “OCLC Systems and Services” article is 03-701v0, or see:*

<http://matilde.emeraldinsight.com/vl=2213840/cl=51/nw=1/rpsv/cw/www/mcb/1065075x/contp1-1.htm>

Addresses for Reporting Problems

- Server problems (web or ftp sites down etc.)*
 - support@psrsoftware.com*
- Mail Reflector problems*
 - dap@cnt.com*
- Web site design problems*
 - t11webmaster@psrsoftware.com*
- Web site content problems (including membership problems, people and document register listings)*
 - the officers of the relevant TC or TG*

20.1 Reflectors

No report.

20.2 Other Matters

21 Future meeting schedule

21.1 December Meeting Announcement

The December meeting week will be held the week of December 6 in Indian Wells, CA, hosted by Broadcom.

For hotel information, see the “Meetings” tab at www.t11.org, then “meeting announcement”.

21.2 December Meeting Map

T11/04-693v0

=====

T11 PLENARY WEEK - DEC 6-10, 2004
 Indian Wells, CA

Version 10/7/2004

Monday

12/6	8	9	10	11	12	1	2	3	4	5	6	7	8	9
30/30/30/20		IP4	FC-FS-2 \	lun \	FC-LS \				FC-MI-2					
35			//////////					FCSM-2			////////			
50													*Rdmap*	

Tuesday

12/7	8	9	10	11	12	1	2	3	4	5	6	7	8	9
25/25/25		Fabric Ext \	lun \		FC-SW-4 \				FC-GS-5					
15			FC-AE-2		lun			FC-AE-2			///			
40/40/40/40			FC-MSQS		lunch	MSQS		PI		**SFF	XCVR**			
12					*** FCIA BOD ***									
50													*FCIA*	

Wednesday

12/8	8	9	10	11	12	1	2	3	4	5	6	7	8	9
30/30/25				FC-SP		lun	DA2		FC-BB-3					
45/45			T11.2 EL WG		lunch			T11.2 Opt WG						
30/20				11.5 Mgmt		lun		FAIS						
30			//////////					SM-HBA						
50			** FCIA Members **											
100													Reception	

Thursday - PLENARY

12/9	8	9	10	11	12	1	2	3	4	5	6	7	8	9
30			FC-SP											
65/15/50/80/80			T11.2		web	lun	TG5	TG3		T11				
			Plenary		tut		Pln	Pln		PLENARY				

Friday

12/10 8 9 10 11 12 1 2 3 4 5 6 7 8 9

* = NOT A T11 MEETING

\ = if meeting ends early, next meeting starts immediately

21.3 Authorization of Ad Hoc Meetings

Authorization of Ad Hoc meetings is delegated to the appropriate TG, if any. There were no exceptions.

21.4 Request for Hosts - Future meeting Schedule

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2004 Through 2005 T11 Meeting Schedules

<i>2004 Dates</i>	<i>Proposed Locations</i>	<i>Host</i>
-----	-----	----
<i>DECEMBER 6-10</i>	<i>Palm Springs(area)</i>	<i>Broadcom</i>
<i>2005 Dates</i>	<i>Proposed Locations</i>	<i>Host</i>
-----	-----	----
<i>JANUARY 31-FEBRUARY 4</i>	<i>Dana Point, CA</i>	<i>QLogic</i>
<i>APRIL 4-8</i>	<i>La Jolla</i>	<i>Brocade</i>
<i>JUNE 6-10</i>	<i>St Paul, MN</i>	<i>CNT</i>
<i>AUGUST 8-12</i>	<i>Ottawa, ON</i>	<i>Nortel</i>
<i>OCTOBER 3-7</i>	<i>San Francisco, CA</i>	<i>Solution Technology</i>
<i>DECEMBER 5-9</i>	<i>Garden Grove, CA</i>	<i>Northrop-Grumman</i>
<i>2006 Dates</i>	<i>Proposed Locations</i>	<i>Host</i>
-----	-----	----
<i>February 6-10</i>	<i>Dana Point, CA</i>	<i>QLogic</i>
<i>April 3-7</i>	<i>Santa Fe, NM</i>	<i>Brocade</i>
<i>June 5-9</i>	<i>Seattle, SA</i>	<i>Emulex</i>
<i>August 7-11</i>	<i>Winter Park, CO</i>	<i>McData</i>
<i>October 2-6</i>	<i>Oklahoma City, OK</i>	<i>Fujitsu</i>
<i>December 4-8</i>		

21.5 Guidelines for Hosting

This report has been posted to the website as T11/04-244v0. This also contains the room-night history. The URL for the page is <http://www.t11.org/t11/meet.nsf/host>

22 Review of action items

03-001 TG Chairs to update Project Status Sheet.

03-002 All editors, when posting drafts, upload zip of source to hidden directory

04-008 Chair to ensure that the withdrawn but maintained (still available documents) are handled correctly by INCITS.

Email sent on March 5 to determine procedures. Reminder March 26.

Indication that they are checking with the ANSI store on the mechanisms.

Lynn Barra indicates work is still in process.

04-009 Roger Cummings to investigate projects associated with withdrawn standards be made accessible on the website.

Pending information from INCITS.

04-067 T11.5 Chair to forward SM-FAM to IETF imsss.

04-069 Chair to forward MSQS Project Proposal to INCITS for further processing

04-070 Chair to forward FC-PI-2 rev. 7 to INCITS for further processing, including first public review

04-071 Chair to conduct T11 Letter Ballot on FC-MI-2

04-072 Chair to forward FC-DA-2 Project Proposal to INCITS for further processing

04-073 Chair to forward request for withdrawal of FC-AE-LP project.

04-074 IETF Liaison to forward SM-NSM and results of vote to IETF

04-075 Chair to make ISO patent request for FC-SW-3.

04-076 MJSQ Editor and IR to get draft of MJSQ-ISO to ISO editor.

04-077 IR to convey results of ISO votes to US National Body for SC25 WG4.

04-078 Chair to produce customary liaison reports

23 Adjournment

It was moved by Dexter Anderson and seconded by Jeanne Truedstedt to adjourn. The motion passed unanimously, and the meeting was adjourned at 5:33 CDT.

*** T11 Plenary Attendance, October, 2004 ***

AMCC	Haluk Aytac
Amphenol	Michael Wingard
Ancot	Jan V. Dedek
Broadcom	Ali Ghiasi
Brocade	Robert Snively
Brocade	Steven L. Wilson
CIENA	Chris Janz
Cisco	Claudio DeSanti
CNT	David Peterson
Corning	Doug Coleman
Crossroads	Dexter Anderson
Crosswalk	Robert Pulley
Data Device	Joe Gelish
EMC	Gary S. Robinson
Emulex	Bob Nixon
ENDL	Ralph Weber
eSilicon	Frank Barber
FCI	Kevin Oursler
Finisar	Neil Wanamaker
FSI	Gary Stephens
FUJIKURA	Nabil Osman
Fujitsu	Mike Fitzpatrick
Hitachi Amer	Nobuyuki Osaki
Hitachi G S	Werner Glinka
HP	Bill Ham
HP	Mark Hamel
Infineon	Richard Johnson
Intel	Bill Bissonette
Intel	Schelto Van Doorn
JDSU	Eric Borisch
LSI Logic	John Lohmeyer
Lucent	Richard DiPasquale
McData	Scott Kipp
Molex	Jay Neer
NGC	James Nelson
Nortel	Graham Copley
PacketLight	Navot Oren
PrecisionFC	Gary Warden
QLogic	Craig Carlson
Seagate	James Coomes
Sierra Logic	William R. Martin
Smiths	John Schroeder
Solution Tec	Robert Kembel
STMicroelectronics	Gianfranco Scherini

Sun Micro
Sun Microsystems
TI
True Focus
TrueFocus
Veritas
Xilinx
Xyratex
52

Steve Sletten
Vit Novak
Rajeev Jain
Jeanne Truedstedt
Horst Truedstedt
Roger Cummings
Tom Palkert
Paul Levin