

**Minutes Fibre Channel Protocol (T11.3)
Task Group plenary meeting #71
2009 December 10 – 11:00 to 12:00 CST
New Orleans, Louisiana, US**

1 Opening remarks and introductions

The chair convened plenary meeting #71 of the Fibre Channel Protocol (T11.3) Task Group on 2009 December 10 at 11:00 CST. He introduced himself as Craig Carlson (QLogic), and thanked Chris Lyon and FCIA for the meeting facilities. Then Bill Martin (Emulex) introduced himself as vice-chair and Landon Noll (Cisco) introduced himself as secretary. Members introduced themselves.

2 Approval of the Agenda

An electronic version of the agenda, [T11/09-621v1](#), and supporting documents were made available among the documents for this meeting. The agenda was in HTML format with links to the appropriate supporting documents. The chair presented the agenda and made a call for any new agenda items. No new items were requested.

Horst Truedtedt (TrueFocus) moved and Bill Martin ([Emulex](#)) seconded that [T11/09-621v1](#) be approved as amended as the agenda for this meeting. The motion passed unanimously.

3 Administrative Matters

3.1 T11.3 Admin Is Trivia

The chair, Craig Carlson (QLogic), stated that T11.3 administrative information is available among the documents for this meeting: Starting with the web page (<http://www.t11.org/admin.html>), links lead to contact information for T11.3 officers, membership rules, project information, procedures and operating rules, patent rules, and internet resources. The chair recommended that members familiarize with these rules so the business of the Task Group may be conducted expeditiously. Members were advised to see any of the officers if they require additional assistance.

3.2 Document Distribution

The chair instructed those present how to access meeting documents via the T11 Web Site Center page (<http://www.t11.org/t11/arc.nsf/front>). Documents for the meeting were also distributed via flash memory modules.

3.3 Other matters of grave concern

The chair instructed those present how to register using the electronic attendance list for this meeting. He reminded those present that the electronic attendance list would become the only formal record of attendance at this meeting.

4 Patents

The chair presented an overview of INCITS patent policies and guidelines, as found in INCITS Policies and Guidelines (http://www.incits.org/pat_slides.pdf) sub clause 8.4. In accordance with those policies, 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).

5 Antitrust Policies

The chair noted that the INCITS Antitrust Guidelines applied to this task group meeting. The chair further noted that it was the responsibility of all attendees, and not just the officers, to ensure that the Guidelines are followed, and to terminate discussions if they are not. As examples, there should never be discussion of the following topics at any INCITS or INCITS subgroup meeting:

Any company's prices or pricing policies;

Specific R&D, sales and marketing plans;

Any company's confidential product, product development or production strategies;

Whether certain suppliers or customers will be served;

Prices paid to input sources; or

Complaints about individual firms or other actions that might tend to hinder a competitor in any market.

The INCITS Antitrust Guidelines are available on the INCITS web site (<http://www.incits.org/inatrust.htm>).

6 Attendance and Membership

6.1 Current membership list

The chair encouraged those who attend T11 meetings regularly or intend to attend T11 meetings regularly and are not T11 members to consider joining the organization.

Information on how membership is gained, maintained, and lost in any INCITS Technical Committee or Task Group may be found in INCITS Organization and Procedures (http://www.incits.org/rd2/INCITS_RD2.pdf) sub clause 4.2. An overview of these requirements was introduced by the chair and was available to all attendees in the electronically distributed meeting documents.

The vice chair presented the current list of members and representatives, and invited corrections. The membership effective for this meeting, as adjusted for changes introduced at this meeting, is shown in Annex A. Attendance for this meeting is shown in B.

6.2 Voting memberships in jeopardy

There were no member companies in jeopardy of losing their voting memberships as the result of not attending the required number of committee meetings.

6.3 Changes in Membership

6.3.1 Changes in representation since last meeting

Sun Microsystems: Hyon becomes an Alternate; Roger Dickerson remains as Principal, Matt Gaffney, Ajoy Siddabathuni, Michael Roy, and Doug Meyers remain Alternates.

6.3.2 New voting memberships

JDSU became a new voting member at this company with Jason Rusch as Principal and Scott Baxter, Tim Beyers, and Paul Gentieu as Alternates

6.3.3 Voting memberships changed for other reasons

None

6.3.4 Changes in advisory membership

None

6.3.5 Membership for this meeting and call for quorum

Task Group T11.3 had 23 voting members at the T11.3 plenary meeting 2009 August 5. With

- 1 new voting member organizations (see 5.3.2);
- 0 voting member organizations losing voting membership for not attending the required number of meetings (see 5.2); and
- 0 voting member organizations losing voting membership for other reasons (see 5.3.3),

the voting membership of T11.3 has increased to 24 members this meeting.

6.4 Quorum Call

14 members responded to the call for quorum. One third of the total membership for this meeting is 8. The number 14 exceeds or equals one third of the total membership for this meeting and also exceeds or equals 4. A quorum is therefore present for this meeting.

7 Approval of Minutes - Meeting #70

The prior plenary meeting of the Fibre Channel Protocol (T11.3) Task Group was #69 on 2009 August 06. The draft minutes of that meeting were posted as document [T11/09-594v0](#).

You may review the T11.3 minutes by reviewing the version that is posted on the web site and requesting corrections either before the subsequent meeting using the Internet mail reflector (t11.3@mail.t11.org) or at the subsequent meeting in person.

David Black (EMC) moved and Louis Ricci (IBM) seconded to accept [T11/09-594v0](#) as modified/posted at this meeting as the minutes of T11.3 meeting #70 on 2009 October 08. The motion passed unanimously.

8 Review of Old Action Items

ACTION 09-016	T11.3 Secretary to revise and post minutes of T11.3 meeting #70. See Section 7.
ACTION 09-017	T11.3 Chair to recommend to T11 to accept <u>T11/09-283v5</u> as resolving all comments against FC-SB-4, and to forward FC-SB-4 version 3.0 (document <u>T11/09-017v3</u>), Project 2122-D, to INCITS for further processing including first public review. See Section 10.7.

9 Liaison Reports

9.1 TC T11 and INCITS

Steve Wilson (Brocade) presented extracts relevant to T11.3 from the T11 Liaison Report posted as [T11/09-606v0](#).

Steve Wilson (Brocade) presented extracts relevant to T11.3 from the INCITS T11 Activities Report posted as [T11/09-640v0](#).

9.2 Joint T11.3/T10 (FCP-4, etc.)

There was no report for Joint T11.3/T10 activity this meeting.

9.3 IETF

David Black (EMC) presented the information on activity at IETF posted in [T11/09-687v0](#).

9.4 T1X1/ITU

There was no report for T1X1/ITU activity this meeting.

9.5 Other liaison reports

No other liaison reports were presented.

10 Project Status

10.1 FC-BB-6

Claudio DeSanti (Cisco) presented the information posted as [T11/09-689v0](#) about FC-BB-5 ad hoc activity since the last plenary meeting of this Task Group.

10.2 FC-DA-2

Bill Martin (Emulex) presented the information posted as [T11/09-680v0](#) about FC-DA-2 ad hoc activity since the last plenary meeting of this Task Group.

Bill Martin (Emulex) moved and Dave Peterson (Brocade) seconded to recommend to T11 to perform a letter ballot on forwarding Revision 1.04 of FC-DA-2 ([T11/09-614v0](#)), Project 1870-DT, to INCITS for further processing. The motion passed 13 Favoring, 0 Opposing, 0 Abstaining.

See ACTION 09-019.

10.3 FC-FS-3

Bill Martin (Emulex) presented the information posted as [T11/09-679v0](#) about FC-FS-3 ad hoc activity since the last plenary meeting of this Task Group.

10.4 FC-GS-7 Study

Bob Nixon (Emulex) presented the information posted as T11/09-674v0 about FC-GS-7 study session. This documented was corrected during the presentation. The corrected document will be posted as T11/09-674v1.

10.5 FC-IFR

This working group did not meet during this plenary week.

10.6 FC-LS-2

Bill Martin (Emulex) presented the information posted as T11/09-681v0 about FC-LS-2 ad hoc activity since the last plenary meeting of this Task Group.

10.7 FC-SB-4

No report for FC-SB-4 was presented at the meeting.

10.8 FC-SCM

Claudio DeSanti (Cisco) presented the information posted as T11/09-688v0 about FC-SCM ad hoc activity since the last plenary meeting of this Task Group.

Claudio DeSanti (Cisco) moved and Bill Martin (Emulex) seconded to recommend to T11 to conduct a letter ballot on forwarding Revision 1.0 of FC-SCM (T11/09-023v7), Project 1824-DT, to INCITS for further processing. The motion passed 13 Favoring, 0 Opposing, 0 Abstaining.

See ACTION 09-021.

10.9 FC-SP-2

Landon Noll (Cisco) presented the information posted as T11/09-669v0 about FC-SP-2 ad hoc activity since the last plenary meeting of this Task Group.

10.10 Joint T11.2/T11.3

Craig Carlson (QLogic) presented the information posted as T11/09-686v0 about the joint T11.2/T11.3 meeting.

11 Other Business and Technical Items

Dave Peterson (Brocade) presented T11/09-624v0.

Dave Peterson (Brocade) moved and Bob Nixon (Emulex) seconded to recommend to T11 to forward T11/09-624v1 to INCITS for further processing as the project proposal for FC-GS-7. The motion passed 14 Favoring, 0 Opposing, 0 Abstaining.

See ACTION 09-020.

12 Review T11.3 Project Status

The current project status is available among the electronically distributed meeting documents as well as on the T11 web site (<http://www.t11.org/t11/docreg.nsf/center>). The chair asked that if the facilitators or any one else finds errors that they inform him.

13 Future Meeting Schedule

13.1 Plan for February 2010 T11 week

FCIA will host the next T11 meeting on 2010 February 1-5 in San Antonio, TX.

Refer to the T11 web site (<http://www.t11.org/t11/docreg.nsf/center>) for the meeting announcement, which will always contain the latest information on future T11.3 plenary meetings.

PLEASE NOTE: If there is any conflict between the website schedule database, and the single ASCII sheet, the database is to be considered correct.

13.2 Ad-hoc meetings

No ad hoc meetings or teleconferences were requested.

Refer to the T11 web site (<http://www.t11.org/t11/docreg.nsf/center>). This URL will always contain the latest announcements of pending work group interim meetings and teleconferences.

14 Action Items

ACTION 09-018	T11.3 Secretary to revise and post minutes of T11.3 meeting #71. See Section 7.
ACTION 09-019	T11.3 Chair to recommend to T11 to perform a letter ballot on forwarding Revision 1.04 of FC-DA-2 (T11/09-614v0), Project 1870-DT, to INCITS for further processing. See Section 10.2.
ACTION 09-020	T11.3 Chair to recommend to T11 to forward T11/09-624v1 to INCITS for further processing as the project proposal for FC-GS-7. See Section 10.4.
ACTION 09-021	T11.3 Chair to recommend to T11 to conduct a letter ballot on forwarding Revision 1.0 of FC-SCM (T11/09-023v7), Project 1824-DT, to INCITS for further processing. See Section 10.8.

15 Final Attendance Notice/Check

The chair reviewed the electronically registered attendance list, advised that the list was about to close, and reminded those who had not registered that the list would then become the only formal record of attendance at this meeting.

16 Adjournment

Horst Truedstedt (TrueFocus) moved and Bill Martin ([Emulex](#)) seconded to adjourn at 2009 October 08 11:44 CST (new shortest meeting record?). The motion passed unanimously.

A Membership

Reflecting the changes at this meeting, the voting membership of T11.3 for this meeting is:

Organization	Name	Principal/ Alternate
Blade	Tienwei (Tim) Chao Chetan Yaliwal	Principal Alternate
Broadcom	Pat Thaler Ali Ghiasi	Principal Alternate
Brocade	David Peterson Steven L. Wilson	Principal Alternate
CIENA	Martin Hunt Sashi Thiagarajan	Principal Alternate
Cisco Systems, Inc.	Claudio DeSanti Landon Noll Fabio Maino Joe Pelissier Silvano Gai	Principal Alternate Alternate Alternate Alternate
Dell	Gaurav Chawla Bhavesh Patel	Principal Alternate
EMC	Gary S. Robinson David Black Erik Smith	Principal Alternate Alternate
Emulex	Bob Nixon William R. Martin	Principal Alternate
ENDL	Ralph Weber Dal Allan	Principal Alternate
Fujitsu	Jim DeCaires Sandy Wilson	Principal Alternate
Hitachi Data Systems	Eric Hibbard Vincent Franceschini	Principal Alternate
Hewlett Packard	Jieming Zhu Sean Fitzpatrick Barry Maskas	Principal Alternate Alternate
IBM	Scott Carlson Roger Hathorn Louis Ricci	Principal Alternate Alternate
JDSU	Jason Rusch Scott Baxter Tim Beyers	Principal Alternate Alternate

	Paul Gentieu	Alternate
LSI	John Lohmeyer Adam Healey Curtis Ridgeway	Principal Alternate Alternate
Mellanox	Diego Crupnicoff Trevor Caulder Dror Goldenberg	Principal Alternate Alternate
Microsoft	Robert Griswold Albert Chen Calvin Chen	Principal Alternate Alternate
NetApp	Frederick Knight Denise Ridolfo	Principal Alternate
Panduit	Robert Elliot Steve Skiest Robert Reid Gaston Tudury	Principal Alternate Alternate Alternate
QLogic	Craig W. Carlson Ed McGlaughlin	Principal Alternate
Sun Microsystems	Roger Dickerson Matt Gaffney Ajoy Siddabathuni Hyon Kim Michael Roy Doug Meyers	Principal Alternate Alternate Alternate Alternate Alternate
Symantec	Roger Cummings	Principal
True Focus	Horst Truestedt Jeanne Truestedt	Principal Alternate
VMWare	Lawrence Lamers Scott Davis	Principal Alternate

Reflecting the changes at this meeting, the advisory (i.e., nonvoting) membership of T11.3 for this meeting is:

Organization	Name	Principal/ Alternate
Agilent	Joachim Vobis Neal O'Gorman	Principal Alternate
Finisar	Alex Pavlovsky Paul Gentieu Scott Baxter Tim Beyers Jason Rusch	Principal Alternate Alternate Alternate Alternate

Nortel Networks	Graham Copley	Principal
PMC-Sierra	Brian L'Ecuyer Peichen Chang	Principal Alternate
Seagate	Allen Kramer James Coomes Martin Czekalski	Principal Alternate Alternate
UNH IOL	Mikkel Hagen Dustin Schoenbrun David Woolf Jacob Donigian	Principal Alternate Alternate Alternate

Reflecting the changes at this meeting, these people have been granted Emeritus membership in INCITS Fibre Channel (T11) Technical Committee, recognizing their many years of skilled leadership and high quality technical contribution:

Bill Ham
Gary Stephens

B Attendance

The following is the list of companies and their representatives recorded as attending this meeting by the online attendance registry:

Sequence	Organization	Name
1	AGILENT TECHNOLOGIES	Joachim Vobis
2	AVAGO TECHNOLOGIES	Michael deBie
3	BLADE NETWORK TECHNOLOGIES	Chetan Yaliwal
4	BROCADE	David Peterson
5	BROCADE	Steven L. Wilson
6	CINCH CONNECTORS	Jim McGrath
7	CISCO SYSTEMS	Landon Noll
8	CISCO SYSTEMS, INC.	Claudio DeSanti
9	DELL	Gaurav Chawla
10	EMC	David Black
11	EMULEX	Bob Nixon
12	EMULEX	William R. Martin
13	ENDL TEXAS	Ralph Weber
14	IBM	Louis Ricci

15	IBM	Roger Hathorn
16	IBM MICROELECTRONICS	David Stauffer
17	JDSU	Jason Rusch
18	LSI CORP.	Adam Healey
19	LSI CORP.	Curtis Ridgeway
20	LSI CORP.	John Lohmeyer
21	NETAPP	Denise Ridolfo
22	NETAPP	Frederick Knight
23	NETAPP, INC.	Alan Yoder
24	QLOGIC CORP.	Craig W. Carlson
25	TRUE FOCUS, INC	Horst Truedtedt
26	VMWARE	Lawrence Lamers