

**Minutes Fibre Channel Protocol (T11.3)
Task Group plenary meeting #090
2013 February 07 – 10:30 to 11:30 PST
Palm Springs, California, US**

1 Opening remarks and introductions

The chair convened plenary meeting #090 of the Fibre Channel Protocol (T11.3) Task Group on 2013 February 07 at 10:31 PST. He introduced himself as Craig Carlson (QLogic), and FCIA for the meeting facilities. Then Erik Smith (EMC) 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, **T11/13-008v0**, 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.

Sandy Wilson (Fujitsu) moved and Lou Ricci (EMC) seconded that **T11/13-008v0** be approved as modified 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>).

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*

None

6.3 *Non-voting memberships in jeopardy*

Teradyne: Non-payment of dues

Virtual Instruments: Non-payment of dues

6.4 Changes in Membership

6.4.1 Changes in representation since last meeting

Emulex:

Removed William R Martin as principal

Added Gautam Shiroor as principal

Added David Baldwin as alternate

Hossein Hashemi remains an alternate

6.4.2 New voting memberships

None

6.4.3 Voting memberships changed for other reasons

ENDL – Retired

6.4.4 Changes in advisory membership

None

6.4.5 Membership for this meeting and call for quorum

Task Group T11.3 had 14 voting members at the T11.3 plenary meeting 2013 February 07. With

0 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

1 voting member organizations losing voting membership for other reasons (see 5.3.3),

the voting membership of T11.3 has changed to 18 with 14 members this meeting.

6.4.6 Quorum Call

14 members responded to the call for quorum. One third of the total membership for this meeting is 6. The number 6 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 #089

The prior plenary meeting of the Fibre Channel Protocol (T11.3) Task Group was #089 on 2012 December 06. The draft minutes of that meeting were posted as document [T11/12-463v0](#).

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.

The T11.3 secretary, Landon Noll (Cisco), expressed his deep appreciation to the highly esteemed, acclaimed, distinguished, notable, impeccable, respectable, and prestigious colleague from Texas, the right honorable Ralph

Weber, for his dependable, reliable, unfailing and indefatigable clerk *Pro Tem* services to T11.3. These remarks are given in traditional spirit of LBJ. See Action Item #13-001.

John Lohmeyer (LSI) moved and Lou Ricci (EMC) seconded to accept **T11/12-463v0** as posted at this meeting as the minutes of T11.3 meeting #089 on 2012 December 06. The motion passed unanimously.

8 Review of Old Action Items

ACTION 12-009	T11.3 secretary to post T11/12-168v1 as the approved minutes of T11.3 meeting #085. See Section 7. Completed.
ACTION 12-011	11.3 clerk <i>pro tem</i> to post T11/12-418v1 as the approved minutes of T11.3 meeting #088. See Section 7. Completed.
ACTION 12-012	T11.3 chair will request T11 to conduct a letter ballot on forwarding Revision 1.2 of FC-BB-6 (T11/12-007v3), Project 2159-D, to INCITS for further processing including public review. Completed.
ACTION 12-013	T11.3 clerk <i>pro tem</i> to post T11/12-463v0 as the approved minutes of T11.3 meeting #089. See Section 7. Completed.

9 Liaison Reports

9.1 TC T11 and INCITS

T11 chair Steve Wilson (Brocade) asked if anyone wanted him to review the T11 TC report to other committees (posted as **T11/12-518v0**). When no one requested a review of the report, Steve noted that the report is always available on the T11 web site for future inspection. Steve Wilson (Brocade) presented extracts relevant to T11.3 from the INCITS Report to T11 posted as **T11/13-053v0**.

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

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

9.3 IETF

There was no report for IETF activity this meeting.

9.4 T1X1/ITU

There was no report for Joint 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 **T11/13-084v0** about FC-BB-6 ad hoc activity since

the last plenary meeting of this Task Group.

10.2 FC-FS-4

Dave Peterson (Brocade) presented the information posted as [T11/13-042v0](#) about FC-FS-4 ad hoc activity since the last plenary meeting of this Task Group.

10.3 FC-GS-7

Lou Ricci (EMC) presented the information posted as [T11/13-068v0](#) about FC-GS-7 ad hoc activity since the last plenary meeting of this Task Group.

10.4 FC-LS-3

Craig Carlson (QLogic) presented the information posted as [T11/13-087v0](#) about FC-LS-3 ad hoc activity since the last plenary meeting of this Task Group.

10.5 FC-SB-5

Roger Hathorn (IBM) presented the information posted as [T11/13-070v0](#) about FC-SB-5 ad hoc activity since the last plenary meeting of this Task Group.

10.6 FC-SW-6

Craig Carlson (QLogic) presented the information posted as [T11/13-086v0](#) about FC-SW-6 ad hoc activity since the last plenary meeting of this Task Group.

10.7 Joint T11.2/T11.3

Craig Carlson (QLogic) presented the information posted as [T11/13-083v0](#) about the joint T11.2/T11.3 meeting activity since the last plenary meeting of this Task Group.

11 Other Business and Technical Items

Neither additional business nor technical items were discussed in the Plenary.

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 the next meeting week

FCIA will host the next T11 meeting on 2013 April 12 in Albuquerque, NM.

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*

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 13-000	T11.3 secretary to post T11/13-041v0 as the approved minutes of T11.3 meeting #090. See Section 7.
ACTION 13-001	T11.3 secretary to inform Ralph Weber of his remarks of appreciation, given in the traditional spirit of LBJ, regarding Ralph's Cleak <i>Pro Tem</i> T11.3 services. See Section 7.

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

Lou Ricci (EMC) moved and Sandy Wilson ([Fujitsu](#)) seconded to adjourn at 2013 February 07 10:52 PST. 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
Broadcom	Pat Thaler	Principal
	Ali Ghiasi	Alternate
Brocade	David Peterson	Principal
	Steven L. Wilson	Alternate
	John Crandall	Alternate
Cisco Systems, Inc.	Claudio DeSanti	Principal
	Landon Noll	Alternate
	Fabio Maino	Alternate
	Joe Pelissier	Alternate
Dell	Hiren Desai	Principal
	Gaurav Chawla	Alternate
	Han Wang	Alternate
	Brad Booth	Alternate
	Jeff Young	Alternate

EMC	Gary S. Robinson David Black Erik Smith Louis Ricci	Principal Alternate Alternate Alternate
Emulex	Gutam Shiroor David Baldwin Hossein Hashemi	Principal Alternate Alternate
Fujitsu	Sandy Wilson Eugene Owens Jim Decaires Mark Malcom Kun Katsumata	Principal Alternate Alternate Alternate Alternate
Hitachi Data Systems	Eric Hibbard Vincent Franceschini Michael Hay	Principal Alternate Alternate
Hewlett Packard	Barry Maskas Babu Puttagunta Nava Navaruparajah Rupin Mohan Siamack Ayandeh	Principal Alternate Alternate Alternate Alternate
IBM	Scott Carlson Roger Hathorn Patty Driever	Principal Alternate Alternate
Intel	Prafulla Deuskar Mark Wunderlich	Principal Alternate
JDSU	Jason Rusch Scott Baxter Paul Gentieu George Bullis	Principal Alternate Alternate Alternate
Juniper	Joseph White Simon Gordon	Principal Alternate
LSI	John Lohmeyer Adam Healey Harvey Newman	Principal Alternate Alternate
NetApp	Frederick Knight Denise Ridolfo	Principal Alternate
Oracle	Roger Dickerson Matt Gaffney Ajoy Siddabathuni Hyon Kim Michael Roy	Principal Alternate Alternate Alternate Alternate

	Doug Meyers	Alternate
QLogic	Craig W. Carlson Ed McGlaughlin	Principal Alternate
VMware	Neil MacLean Sandeep Uttamchandani Lawrence Lamers	Principal Alternate Alternate

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

Organization	Name	Principal/ Alternate
Futurewei	Jincheng Li Xiaoyu Ge HengLiang Zhang	Principal Alternate Alternate
Jeda Networks	Ken Hirata	Principal
Mellanox	Diego Crupnicoff Trevor Caulder Dror Goldenberg	Principal Alternate Alternate
Microsoft	Steve Olsson Calvin Chen Paul Luber James Borden	Principal Alternate Alternate Alternate
Panduit	Robert Elliot Jose Castro Steve Skiest Robert Reid	Principal Alternate Alternate Alternate
Teradyne	Eracar Yonet	Principal
Unisys	Jeffrey Dremann Diep Nguyen Jose Macias Phil Shelton	Principal Alternate Alternate Alternate
Virtual Instruments	Skip Bacon	Principal

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:

Dr. William Ham
Mr. Gary Stephens
Mr. James Coomes
Mr. Robert Kembel
Mr. Joseph Mathis

Mr. Horst Truedtedt

B Attendance

The following table lists those persons who electronically recorded their attendance at this plenary meeting. This includes representatives from voting member companies and may include representatives from non-voting advisory companies, as well as non-voting emeritus members and visitors.

This table also records the affiliations claimed by those who registered their attendance. The presence of a company or organization in the affiliation column does not imply that it is a member of T11.3, nor does it imply that the person in attendance is a representative of that company or organization.

See "Section A: Membership" above for a complete list of voting members of T11.3 as well as a list of non-voting advisory companies and emeritus members.

Sequence	Affiliation	Name
1	BROADCOM	Ali Ghiasi
2	BROCADE	David Peterson
3	BROCADE	Steven L. Wilson
4	CISCO SYSTEMS	Landon Noll
5	CISCO SYSTEMS, INC.	Claudio DeSanti
6	DATA CENTER SYSTEMS	Jack Edwards
7	DELL	Hiren Desai
8	EMC	Erik Smith
9	EMC	Louis Ricci
10	EMULEX	David Baldwin
11	EMULEX CORPORATION	Gautam Shiroom
12	FCI	Miguel Conde
13	FUJITSU AMERICA, INC.	Sandy Wilson
14	FUTUREWEI TECHNOLOGIES	Hao Chen
15	HEWLETT-PACKARD COMPANY	Nadaraha Navaruparajah
16	IBM	Henry May
17	IBM	Roger Hathorn
18	JDSU	Jason Rusch
19	JUNIPER	Joseph White
20	LSI CORP.	John Lohmeyer
21	NETAPP	Frederick Knight
22	ORACLE	Roger Dickerson
23	QLOGIC CORP.	Craig W. Carlson
24	SELF	Roger Cummings

