



InterNational Committee for Information Technology Standards (INCITS)
Secretariat: Information Technology Industry Council (ITI)
700 K Street NW, Suite 600, Washington, DC 20001
www.INCITS.org



T11-2024-00135-v000

**Minutes Fibre Channel Interconnect Schemes
(T11.3) Task Group plenary meeting #157
2024 April 08 – 10:30AM to 11:30AM EST
Savannah, GA + Virtual Meeting**

1 Opening remarks and introductions

1.1 Introductory Remarks

The Chair convened plenary meeting #157 of the Fibre Channel Interconnect Schemes (T11.3) Task Group on 2024 April 04 at 10:30 EDT.

1.2 Self-Introductions

1.2.1 Self-introductions

The Chair introduced himself as Roger Hathorn (IBM), and the group thanked FCIA for the hotel arrangements. Mike Blair (Cisco) then introduced himself as the Vice-Chair and Patty Driever (IBM) introduced herself as Secretary. Members present and on Zoom introduced themselves.

1.2.2 Call for guests and journalists

The chair requested members of the press and journalists and those associated with organizations that are not members of T11 to introduce themselves. No one responded to this call.

1.3 Operating under INCITS procedures

<https://www.incits.org/standards-information/policies>

1.3.1 Operating under public access rules (<http://www.t11.org/>)

The Chair, **Roger Hathorn (IBM)**, stated that T11.3 administrative information is available among the documents for this meeting: Starting with the web page <https://standards.incits.org/apps/org/workgroup/t11.3/> 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.

Technical document distribution:

The Chair instructed those present how to access all relevant technical documents reviewed in Technical Committee and Expert Group meetings via the INCITS Fibre Channel (T11) Web Site Center page <https://standards.incits.org/apps/org/workgroup/t11/documents.php>.

Meeting document distribution:

The Chair uploaded a zip file document containing all documents reviewed at this meeting: [T11-2024-00157-v000](#).

Public Link:

The Chair instructed everyone that the public link to the Fibre Channel home page in the INCITS Committee Management System (ICMS) can be accessed at the following link: www.t11.org.

1.3.2 INCITS Code of Conduct ([Code of Conduct](#))

The Chair reminded everyone that we are operating under the INCITS Code of Conduct (found at [https://standards.incits.org/apps/group_public/download.php/138721/eb-2022-00126-INCITS Code of Conduct.pdf](https://standards.incits.org/apps/group_public/download.php/138721/eb-2022-00126-INCITS_Code_of_Conduct.pdf)).

1.3.3 Anti-Trust Guidelines ([Sensitive Topics](#))

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.

The INCITS Antitrust Guidelines are available on the INCITS web site: <http://www.incits.org/standards-information/legal-info>.

1.3.4 Patent Policy Information ([Patent Policy](#))

The Chair presented an overview of INCITS patent policies and guidelines, as found in INCITS Policies and Guidelines (<http://www.incits.org/standards-information/legal-info>). 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 Fibre Channel (T11), with copies to Lynn Barra at INCITS (lbarra@itic.org).

Link to [Patent Information Registry](#).

Link to [INCIT Patent Policy Slides for IOE Meetings](#).

2 Attendance and Membership

2.1 Gaining and Losing Voting Membership

The Vice-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/standards-information/policies>). 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 Annex B.

2.2 Record Attendance

Meeting attendance is required to maintain membership, so everyone was encouraged to use ICMS to register their attendance today. Members should follow the attendance link in the Fibre Channel (T11) calendar entry on the ICMS website (www.incits.org).

Attendance for this meeting is shown in Annex B.

2.3 Membership for this meeting

The Vice-chair presented the current list of members and representatives and invited corrections.

2.3.1 Changes in representation since last meeting

Anil Mehta was added and Wenhua Liu was removed as Alternate members for Broadcom, Inc. All other representation for Broadcom remains unchanged.

Andrew Joy and Dean Wallace have been removed as Alternate members and Arun Gopalakrishnan and Nishant Lodha were added as Alternate members for Marvell Semiconductor, Inc. All other representation for Marvell remains the same.

MediaTek and Futurewei Technologies Inc were removed from the list of Advisory member companies.

2.3.1.1 New voting members

No new voting memberships were granted at this meeting.

2.3.1.2 Voting Memberships in Jeopardy for Attendance, Non-payment of Dues, or Not Voting on Letter Ballots

No company is in jeopardy for this meeting cycle for lack of attendance at 2 of the last 3 plenary meetings.

No company is in jeopardy for failure to vote on 2 of the last 3 letter ballots.

No company is in jeopardy for non-payment of dues.

2.3.2 T11 Voting and Advisory memberships for this meeting

The membership effective for this meeting, as adjusted for changes introduced at this meeting, is shown in Annex A and is reflected in the Fibre Channel Interconnect Schemes (T11.3) roster on the INCITS website at this [link](#).

Task Group T11.3 had 11 voting members at the previous T11.3 plenary meeting (February 08, 2024). At this meeting, April 04, 2024:

- 0 new voting member organizations (see 7.3.2);
- 0 reinstated voting member organization (see 7.3.3);
- 0 voting member organization losing voting membership for not attending the required number of meetings (see 7.2); and
- 0 voting member organizations losing voting membership for other reasons, the voting membership of T11.3 remains at 11 members.

2.4 Call for Quorum

10 voting members responded to the call for quorum. A quorum of one third of the voting membership for this meeting requires at least 4 voting members present. The number 10 exceeds or equals one third of the voting membership for this meeting and also exceeds or equals 4. A quorum is therefore present for this meeting.

3 Approval of the Agenda

An electronic version of the agenda, [T11-2024-00091-v001](#), 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.

[David Brown \(Dell\)](#) moved and [Dave Peterson \(Broadcom\)](#) seconded that [T11-2024-00091-v001](#) be approved as posted as the agenda for this meeting. The motion passed unanimously.

4 Minutes of the Previous Meeting

4.1 Review of Old Action Items

ACTION 24-001	T11.3 secretary to post T11-2023-00405-v001 as the approved minutes of T11.3 meeting #155. Completed by posting on Feb. 14, 2024.
ACTION 24-002	T11.3 secretary to post T11-2024-00060-v000 as the draft minutes of T11.3 meeting #156. Completed by posting on Feb. 27, 2024.
ACTION 24-003	Chair to forward FC-GS-9 draft standard Rev. 12.08 contained in T11-2024-00064-v000 to T11 for initiation of an INCITS Public Review. Completed by Chair during meeting report given in Fibre Channel (T11) plenary meeting. Forwarded to INCITS Secretariat on March 8, 2024 as documented in T11-2024-00097-v000.
ACTION 24-004	Chair to forward FC-LS-5 draft standard Rev. 5.23 contained in T11-2023-00373-v002 to T11 to request initiation of a letter ballot. Completed by Chair during meeting report given in Fibre Channel (T11) plenary. Forwarded to INCITS Secretariat on March 8, 2024 as documented in T11-2024-00098-v000.
ACTION 24-005	T11.3 Chair to inform INCITS Secretariat that the Profile Review Expert Group has been terminated. Completed by chair via email on April 04, 2024.
ACTION 24-006	T11.3 Chair to request that the Fibre Channel (T11) TC recommend Dean Wallace to be appointed as Emeritus Member of the Fibre Channel Interconnection Schemes (T11.3) TG. Completed by Chair during meeting report given in Fibre Channel (T11) plenary. Forwarded to INCITS Secretariat on March 7, 2024 as documented in T11-2024-00096-v000.

4.2 Approval of Minutes of T11.3 Plenary Meeting #156

The prior plenary meeting of the Fibre Channel Protocol (T11.3) Task Group was #156 on 2024 February 08. The draft minutes of that meeting were posted as document [T11-2024-00060-v000](#).

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 (fc_protocol@standards.incits.org) or at the subsequent meeting in person. Non-editorial and/or substantial requests for corrections will be noted in detail at the next plenary meeting prior to the plenary body voting on the minutes. Until approved by the plenary body, these minutes are unofficial draft minutes only.

Dave Peterson (Broadcom) moved and Mike Blair (Cisco) seconded to accept at this meeting [T11-2024-00060-v000](#) as the minutes of T11.3 meeting #156 on 2024 February 08. The motion passed unanimously.

See Action Item [24-007](#).

5 Project Status Reports

5.1 FC-FS-7

Raul Oteyza (Marvell) presented the information posted as [T11-2024-00144-v000](#) about FC-FS-7 ad hoc activity since the last plenary meeting of this Task Group.

Raul Oteyza (Marvell) made a motion to accept this report as presented. Motion seconded by Dave Peterson (Broadcom). Motion passed by acclamation.

5.2 FC-GS-9

Dave Peterson (Broadcom) presented the information posted as [T11-2024-00132-v000](#) about FC-GS-9 ad hoc activity since the last plenary meeting of this Task Group. Motion was seconded by Jason Rusch (Viavi)

Dave Peterson (Broadcom) made a motion to accept this report as presented. Motion seconded by Raul Oteyza (Marvell). Motion passed by acclamation.

5.3 FC-LS-6

Patty Driever (IBM) presented the information posted as [T11-2024-00141-v000](#) about FC-LS-5 ad hoc activity since the last plenary meeting of this Task Group.

Patty Driever (IBM) made a motion to request that T11.3 make a request to INCITS to disband the FC-LS-5 Expert Group and move it to an 'inactive' status. Motion was seconded by Dave Peterson (Viavi). Motion passed In Favor – 10, Opposed – 0, Abstain – 0.

See Action Item [24-009](#).

Patty made a motion to accept this report as presented. Motion seconded by Dave Peterson (Broadcom). Motion passed by acclamation.

5.4 FC-NVMe-3

David Brown (Dell) presented the information posted as [T11-2024-00146-v000](#) about FC-NVMe-3 ad hoc activity since the last plenary meeting of this Task Group.

David Brown (Dell) made a motion to accept this report as presented. Motion seconded by Dave Peterson (Broadcom). Motion passed by acclamation.

5.5 FC-RDMA

David Brown (Dell) presented the information posted as [T11-2024-00148-v000](#) about FC-RDMA ad

hoc activity since the last plenary meeting of this Task Group.

David Brown (Dell) made a motion to accept this report as presented. Motion seconded by Dave Peterson (Broadcom). Motion passed by acclamation.

5.6 FC-SP-3

Roger Hathorn (IBM) presented the information posted as [T11-2024-00121-v000](#) about FC-SP-3 ad hoc activity since the last plenary meeting of this Task Group.

Roger Hathorn (IBM) made a motion to accept this report as presented. Motion seconded by David Brown (Dell). Motion passed by acclamation.

5.7 FC-SW-8

Dave Peterson (Broadcom) presented the information posted as [T11-2024-00140-v001](#) about FC-SW-8 activity since the last plenary meeting of this Task Group.

Dave Peterson (Broadcom) made a motion to request T11.3 accept T11-2024-00016-v2 as RFC ballot comment resolution and forward FC-SW-8 draft standard revision 1.04 contained in T11-2024-00147-v000 to T11 to request initiation of an INCITS letter ballot. Motion seconded by Roger Hathorn (IBM). Motion passed In Favor – 10, Opposed – 0, Abstain – 0.

See Action Item [24-010](#).

Dave Peterson (Broadcom) made a motion to accept this report as presented. Motion seconded by Patty Driever (IBM). Motion passed by acclamation.

6 Liaison Reports

6.1 TC T11 Report to INCITS

T11 chair Howard Johnson (Broadcom) has posted the T11 TC report to other committees as [T11-2024-00093-v000](#). Since this will be reviewed in the T11 plenary we did not review it during this meeting but it is available online for review.

6.2 INCITS Report

T11 chair Howard Johnson (Broadcom) has posted the INCITS Report to T11 as [T11-2024-00094-v001](#). Since this will be reviewed in the T11 plenary we did not review it during this meeting but it is available online for review.

7 Old Business

7.1 Review of T11.3 Project Status

The current project status is available among the electronically distributed meeting documents as well as on the INCITS web site [Project Status](#). The chair asked that if the facilitators or anyone else finds errors that they inform him.

8 New Business

8.1 FC-GS-10

Dave Peterson (Broadcom) made a motion to accept the project proposal as documented in [T11-2024-00053-v001](#), creating a new Expert Group for FC-GS-10, and forward to T11 for further processing. Motion seconded by Mike Blair (Cisco). Motion passed In Favor – 10, Opposed – 0, Abstain – 0.

See Action Item [24-011](#).

8.2 FC-SW-9

Dave Peterson (Broadcom) made a motion to accept the project proposal as documented in [T11-2024-00088-v000](#), creating a new Expert Group for FC-SW-9, and forward to T11 for further processing. Motion seconded by Mike Blair (Cisco). Motion passed In Favor – 10, Opposed – 0, Abstain – 0.

See Action Item [24-012](#).

9 Future Meetings

9.1 *Next meeting week*

The next meeting cycle will be a hybrid of both face-to-face in Bozeman, MT and virtual via Zoom the week of [03 June – 07 June 2024](#). More discussion on this will occur at the T11 plenary meeting. [Broadcom](#) will host the face-to-face portion and [INCITS](#) will continue to provide the Zoom virtual meeting capability.

Refer to the [INCITS T11 meeting web site page](#) 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.

9.2 *Authorization of Expert Group meetings*

Refer to the [INCITS T11 meeting web site page](#) for further details. This URL will always contain the latest announcements of pending work group interim meetings and teleconferences.

Roger made motion to schedule one interim Expert Group meeting for FC-SP-3 for 2 hours on May 2, 2024 starting at 2pm EDT. Motion was seconded by Dave Peterson (Broadcom). Motion passed by acclamation.

10 Action Items

ACTION 24-007	T11.3 secretary to post <u>T11-2024-00060-v001</u> as the approved minutes of T11.3 meeting #156.
ACTION 24-008	T11.3 secretary to post <u>T11-2024-00135-v000</u> as the draft minutes of T11.3 meeting #157.
ACTION 24-009	Chair to make a request to INCITS to disband the FC-LS-5 Expert Group and move it to an 'inactive' status.
ACTION 24-010	Chair to make a request that T11 accept T11-2024-00016-v2 as RFC ballot comment resolution and forward FC-SW-8 draft standard revision 1.04 contained in T11-2024-00147-v000 for initiation of an INCITS letter ballot
ACTION 24-011	Chair to make a request to Fibre Channel Technical Committee (T11) to accept the project proposal for FC-GS-10 Expert Group as documented in <u>T11-2024-00053-v001</u> and forward it to INCITS for further processing.
ACTION 24-012	Chair to make a request to Fibre Channel Technical Committee (T11) to accept the project proposal for FC-SW-9 Expert Group as documented in <u>T11-2024-00088-v000</u> and forward it to INCITS for further processing.

11 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.

Chair also reminded everyone that physical presence at the meeting (via Face-to-Face or dial-in during the meeting) is required in order to count towards membership requirements. If you sign in but are not physically present (or logged in at the meeting for hybrid meetings), the sign-in will be discarded by INCITS.

12 Adjournment

David Peterson (Broadcom) moved to adjourn at 2024 April 04 11:23 AM EDT. 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
Amphenol Corporation	Chris Lyon	Principal
	Paul Coddington	Alternate
	Fan Fu	Alternate
	Isaac Horn	Alternate
	Lei Huang	Alternate
	Sam Kocsis	Alternate

	Hu Silver	Alternate
Broadcom Inc	David Peterson Ben Chu Wenchao Cui Howard Johnson Mark Jones Anil Mehta Dr. Ramana Murty James Smart Ahmad Tawil Anil Veerabhadrapa	Principal Alternate Alternate Alternate Alternate Alternate Alternate Alternate Alternate Alternate
Cisco Systems, Inc.	Mike Blair Harsha Bharadwaj Dhiraj Kashyap Fabio Maino Edward Mazurek Mark Nowell Prashant Pathak Sai Pavan Kiran Ranabhor Christian Schmutzer Ramesh Sivakolundu Yi Tang Sujith V R Xiaohong Wu Xiaokang Zhu	Principal Alternate Alternate Alternate Alternate Alternate Alternate Alternate Alternate Alternate Alternate Alternate Alternate Alternate Alternate
CommScope	Earl Parsons	Principal
Dell	David Brown Jai Bansai David Black Vinay Sawal Bill Sears Erik Smith Joseph White	Principal Alternate Alternate Alternate Alternate Alternate Alternate
Hewlett Packard Enterprise	Barry Maskas Rupin Mohan Krishna Babu Puttagunta	Principal Alternate Alternate
IBM Corporation	Roger Hathorn Patty Driever Stephen Guendert	Principal Alternate Alternate
Marvell Semiconductor Inc	Raul Oteyza Arun Gopalakrishnan	Principal Alternate

	Nishant Lodha	Alternate
NetApp Inc	Madhu Pai Sridhar Balasubramanian	Principal Alternate
Teledyne LeCroy Corporation	Henry Poelstra Amit Bakshi Craig Foster Tom Friend Rakesh Kathiresan Natarajan Nick Kriczky Douglas Lee Srikant Tadigadapa Jim Yasueda	Principal Alternate Alternate Alternate Alternate Alternate Alternate Alternate Alternate Alternate
Viavi Solutions Inc.	Jason Rusch Scott Baxter George Bullis Paul Gentieu	Principal Alternate 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
Coherent Inc	Roberto Rodes	Principal
Credo Semiconductor	Phil Sun Dr. Fang Cai Yasuo Hidaka	Principal Alternate Alternate
TE Connectivity	Daniel Gorenc Dwayne Crawford	Principal Alternate
Unisys Corporation	Jeffrey Dremann Phil Shelton	Principal 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:

Dr. William Ham
Mr. Robert Kembel
Mr. Joseph Mathis
Mr. Gary Stephens
Mr. Horst Truestedt
Mr. Steven Wilson

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.

Sequence	Affiliation	Name	In Person
1	AMPHENOL CORP	Paul Coddington	N
2	AMPHENOL CORP	Chris Lyon	Y
3	BROADCOM INC	Howard Johnson	Y
4	BROADCOM INC	David Peterson	Y
5	CISCO SYSTEMS INC	Harsha Bharadwaj	N
6	CISCO SYSTEMS INC	Mike Blair	N
7	CISCO SYSTEMS INC	Edward Mazurek	Y
8	CISCO SYSTEMS INC	Ramesh Sivakolundu	Y
9	DELL INC	David Brown	Y
10	HEWLETT PACKARD ENTERPRISE	Barry Maskas	N
11	IBM CORPORATION	Patty Driever	N
12	IBM CORPORATION	Roger Hathorn	Y
13	MARVELL SEMICONDUCTOR INC	Raul Oteyza	Y

14	NETAPP INC	Madhu Pai	N
15	TELEDYNE LECROY CORP	Henry Poelstra	N
16	VIAVI SOLUTIONS INC	Jason Rusch	N

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.

C Attendance at Ad Hoc Meetings

C.1 FC-NVMe-3

Organization	Representative	Member Company
Broadcom Inc	David Peterson	Y
Cisco Systems Inc	Edward Mazurek	Y
Dell Inc	David Brown	Y
Hewlett Packard Enterprise	Barry Maskas	Y
IBM Corporation	Patty Driever	Y
IBM Corporation	Roger Hathorn	Y
Marvell Semiconductor Inc	Raul Oteyza	Y

C.2 FC-LS-6

Organization	Representative	Member Company
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Broadcom Inc	Howard Johnson	Y
Broadcom Inc	David Peterson	Y
Cisco Systems Inc	Harsha Bharadwaj	Y
Cisco Systems Inc	Mike Blair	Y
Cisco Systems Inc	Edward Mazurek	Y
Dell Inc	David Brown	Y
Hewlett Packard Enterprise	Barry Maskas	Y
IBM Corporation	Patty Driever	Y
IBM Corporation	Roger Hathorn	Y
Marvell Semiconductor Inc	Raul Oteyza	Y
NetApp Inc	Madhu Pai	Y
Viavi Solutions Inc	Jason Rusch	Y

C.3 FC-FS-7

Organization	Representative	Member Company
Broadcom Inc	Howard Johnson	Y
Broadcom Inc	David Peterson	Y
Cisco Systems Inc	Mike Blair	Y
Cisco Systems Inc	Ed Mazurek	Y
Cisco Systems Inc	Xiaohong Wu	Y
Dell Inc	David Brown	Y
Hewlett Packard Enterprise	Barry Maskas	Y
IBM Corporation	Patty Driever	Y
IBM Corporation	Roger Hathorn	Y
Marvell Semiconductor Inc	Raul Oteyza	Y
NetApp Inc	Madhu Pai	Y
Teledyne LeCroy Corporation	Henry Poelstra	Y
Viavi Solutions	Jason Rusch	Y

C.4 FC-SW-8

Organization	Representative	Member Company
Broadcom Inc	Howard Johnson	Y
Broadcom Inc	David Peterson	Y
Cisco Systems Inc	Harsha Bharadwaj	Y
Cisco Systems Inc	Edward Mazurek	Y
Dell Inc	David Brown	Y
Hewlett Packard Enterprise	Barry Maskas	Y
IBM Corporation	Patty Driever	Y
IBM Corporation	Roger Hathorn	Y

NetApp Inc	Madhu Pai	Y
Viavi Solutions Inc	Jason Rusch	Y

C.5 FC-RDMA

Organization	Representative	Member Company
Broadcom Inc	Howard Johnson	Y
Broadcom Inc	David Peterson	Y
Cisco Systems Inc	Mike Blair	Y
Cisco Systems Inc	Edward Mazurek	Y
Dell Inc	David Brown	Y
Hewlett Packard Enterprise	Barry Maskas	Y
IBM Corporation	Patty Driever	Y
IBM Corporation	Roger Hathorn	Y
Marvell Semiconductor Inc	Raul Oteyza	Y

C.6 FC-GS-9

Organization	Representative	Member Company
Broadcom Inc	David Peterson	Y
Cisco Systems Inc	Mike Blair	Y
Cisco Systems Inc	Edward Mazurek	Y
Dell Inc	David Brown	Y
Hewlett Packard Enterprise	Barry Maskas	Y
IBM Corporation	Roger Hathorn	Y
Marvell Semiconductor Inc	Raul Oteyza	Y
NetApp Inc	Madhu Pai	Y
Viavi Solutions Inc	Jason Rusch	Y

C.7 FC-SP-3

Organization	Representative	Member Company
Broadcom Inc	Howard Johnson	Y
Broadcom Inc	David Peterson	Y
Broadcom Inc	James Smart	Y
Cisco Systems Inc	Harsha Bharadwaj	Y
Cisco Systems Inc	Edward Mazurek	Y
Dell Inc	David Brown	Y
Hewlett Packard Enterprise	Barry Maskas	Y

IBM Corporation	Patty Driever	Y
IBM Corporation	Roger Hathorn	Y
Marvell Semiconductor	Raul Oteyza	Y
NetApp Inc	Madhu Pai	Y
Viavi Solutions Inc	Jason Rusch	Y

C.8 Joint T11.2/T11.3

Organization	Representative	Member Company
Broadcom Inc	Ben Chu	Y
Broadcom Inc	Howard Johnson	Y
Broadcom Inc	Anil Mehta	Y
Broadcom Inc	David Peterson	Y
Cisco Systems Inc	Mike Blair	Y
Cisco Systems Inc	Edward Mazurek	Y
Cisco Systems Inc	Xiaohong Wu	Y
Coherent Inc	Vera Koleva	Y
Dell Inc	David Piehler	Y
Hewlett Packard Enterprise	Barry Maskas	Y
IBM Corporation	Patty Driever	Y
IBM Corporation	Roger Hathorn	Y
Macom	Thomas Palkert	Y
Marvell Semiconductor Inc	Mike Dudek	Y
Marvell Semiconductor Inc	Arun Gopalakrishnan	Y
Marvell Semiconductor Inc	Raul Oteyza	Y
Molex Inc	Egide Murisa	Y
NetApp Inc	Madhu Pai	Y
OFS Fitel LLC	Mabud Choudhury	Y
TE Connectivity	Daniel Gorenc	Y
Viavi Solutions Inc	Jason Rusch	Y