

Minutes
T11.3 FC-LS-4 ad hoc work group regular meeting
10 April 2019 – 10:30 AM to 12:05 PM EDT
Boca Raton, FL, USA

The FC-LS-4 ad hoc work group of the Fibre Channel Protocol (T11.3) Task Group held a regular meeting at Boca Raton, FL, USA on 10 April 2019, hosted by Amphenol. Attendance was 13 people from 8 organizations and is tabulated at the end of this document.

Minutes were taken by Jason Rusch (Viavi Solutions) (jason.rusch@viavisolutions.com). Please report any corrections by email to the T11.3 reflector at T11_3@mail.T11.org.

1 Opening Remarks and Introductions

Chairperson Patty Driever (IBM) opened the regular meeting on Wednesday, 10 April 2019 at 10:30 AM EDT. She led a round of introductions and thanked our host organization, Amphenol.

1.1 Attendance and Membership

The chair explained that attendance is recorded electronically at <http://www.incits.org>, and explained the procedure. Attendance at this meeting does not count toward attendance at the plenaries of T11 and its task groups (i.e., being here will not get you out or keep you out of membership jeopardy). The chair stated that all persons present are considered members of this meeting and may vote on questions, limited to one vote per company present. She advised that although T11 does not limit participation in the activities of its work groups to representatives of T11 member organizations, it requires nonmembers to identify themselves as such. Nonmembers that expect they may participate in the activities of T11 regularly were encouraged to become members.

1.2 Patents

The chair indicated that among the rules and policies under which this working group operates are the ANSI intellectual property policies as specified in slides 1-3 of http://www.incits.org/patent_slides.pdf. She displayed these pages without comment or explanation and directed that questions about the policy should be referred to the questioner's legal counsel or the ANSI General Counsel.

1.3 Antitrust

The chair indicated that among the rules and policies under which this working group operates are the INCITS Antitrust Guidelines. Any member of the meeting is responsible for objecting if she believes discussion in the meeting violates those guidelines. 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.

If such discussion is not immediately terminated, it is the chairperson's responsibility to terminate the meeting. The INCITS Antitrust Guidelines are available at <http://www.incits.org/standards-information/legal-info>.

2.0 Approval of Agenda

An agenda for the FC-LS-4 ad hoc work group regular meeting 10 April 2019 was posted as T11-2019-00106-v000.

Howard Johnson (Broadcom Inc) moved and Alan Rajapa (Dell Inc) seconded to accept T11-2019-00106-v000 as the agenda for this regular meeting. Approved by acclamation.

3.0 Review of Past Business

3.1 Review of Minutes

Minutes for the FC-LS-4 ad hoc work group regular meeting 06 February 2019 have been posted as T11-2019-00049-v000.

Howard Johnson (Broadcom Inc) moved and Alan Rajapa (Dell Inc) seconded to accept T11-2019-00049-v000 as the official minutes for the regular meeting on 06 February 2019. Approved by acclamation.

3.2 Review of Old Action Items

Action items carried forward from prior meetings:
None.

New action items from last meeting:
None.

4 Old Business

4.1 FC-LS-4: RFC Comment Resolution

Carlson (Marvell)

The FC-LS-4 editor continued RFC comment resolution of technical comments. Two of the comments generated lengthy discussion without resolution. Action items were assigned, and an interim conference call requested to resolve those comments and continue with RFC comment resolution.

5 New Business

5.1 FC-LS-5: Project Proposal

[T11-2019-00006-v000] Peterson (Broadcom Inc)

Dave Peterson (Broadcom Inc) moved and Patty Driever (IBM) seconded to recommend that the FC-LS-5 Project Proposal (T11-2019-00006-v000) be forwarded to T11.3 for further processing. Motion was approved 7-0-0.

5.2 FC-LS-5: Wrapped or Unwrapped?

[T11-2019-00098-v000] Driever (IBM)

Time did not permit for this presentation.

6 Unscheduled Business

None.

7 Project Schedule

| Milestone | Expected Date |
|----------------------|----------------------|
| Last technical input | August 2018 |
| RFC Ballot | December 2018 |
| T11 Letter Ballot | June 2019 |
| Forward to INCITS | April 2019 |

8 Review of Action Items

Action items carried from prior meetings:

None.

New action items:

- 1904-01** Roger Hathorn (IBM) to bring in a proposal to address RFC comment IBM-r007.
- 1904-02** Howard Johnson (Broadcom Inc) to bring in a proposal to address RFC comment Broadcom-043, clarifying when a descriptor should be provided.
- 1904-03** Patty Driever (IBM) to bring in proposed text for RFC Comment IBM-r013.
- 1904-04** FC-LS-4 chair to schedule an interim conference call to continue RFC Comment Resolution.
- 1904-05** FC-LS-4 chair to take the FC-LS-5 Project Proposal recommendation to T11.3.

9 Future Meeting Schedule

9.1 Interim Conference Call

Request 1 interim conference call to continue RFC Comment Resolutions.

9.2 Next Plenary Week

Request 3 hours for FC-LS-4 at the T11 plenary week in La Jolla, CA, June 3-7, 2019.

10 Adjournment

Jason Rusch (VIAVI Solutions) moved and Dave Peterson (Broadcom Inc) seconded to adjourn. Approved by acclamation.

The regular meeting was adjourned at 12:05 PM EDT on 10 April 2019.

11 Attendance

| Organization | Representative | Member Company |
|---------------------------|-----------------------|-----------------------|
| Broadcom Inc | David Baldwin | Member |
| Broadcom Inc | Howard Johnson | Member |
| Broadcom Inc | David Peterson | Member |
| Broadcom Inc | Steven Wilson | Member |
| Cisco Systems Inc | Harsha Bharadwaj | Member |
| Cisco Systems Inc | Mike Blair | Member |
| Dell Inc | Alan Rajapa | Member |
| Fujitsu America Inc | Mark Malcolm | Member |
| IBM Corporation | Patty Driever | Group Chair |
| IBM Corporation | Roger Hathorn | Member |
| Marvell Semiconductor Inc | Craig Carlson | Member |
| NetApp Inc | Frederick Knight | Member |
| Viavi Solutions Inc | Jason Rusch | Secretary |