

Minutes

T11.3 FC-PM ad hoc work group regular meeting

17 Aug, 2021 – 9:00AM-10:00AM MDT

The FC-PM ad hoc work group of the Fibre Channel Protocol (T11.3) Task Group held a regular meeting virtually via Zoom on 17 Aug, 2021, hosted virtually by Marvell. Attendance was 10 people from 6 organizations and is tabulated at the end of this document.

Roger Hathorn (IBM) (rhathorn@us.ibm.com) took minutes. Please report any corrections by email at fc_protocol@standards.incits.org

1 Opening Remarks

Introductions

Chairperson Craig Carlson (Marvell) opened the regular meeting on 17 Aug, 2021 at 09:17 AM MDT and led a round of introductions and thanked the host (Broadcom) for providing the meeting facilities.

2 Meeting Policy

2.1 Attendance and Membership

The chair explained that attendance is recorded electronically at <https://standards.incits.org/apps/org/workgroup/t11>, 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. He 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.

2.2 Code of Conduct

The chair indicated that among the rules and policies under which this working group operates is the INCITS Code of Conduct policy: https://standards.incits.org/apps/group_public/download.php/124850/INCITS-CodeOfConduct.pdf.

2.3 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 pages 1-3 of http://www.incits.org/pat_slides.pdf. He 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.

2.4 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 he 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/inatrust.htm>

3 Administrivia

3.1 Approval of Agenda

An agenda for the FC-PM ad hoc work group regular meeting 17 Aug, 2021 was posted as T11/2021-00214-v000.

Motion: Davis Peterson (Broadcom) moved and Patty Driever (IBM) seconded to accept T11/2021-00148-v000 as amended as the agenda for this regular meeting.

Approved by acclamation.

3.2 Review of Minutes

Motion: Davis Peterson (Broadcom) moved and Patty Driever (IBM) seconded to accept the following document as the official minutes for the previous regular meeting
Approved by acclamation.

T11-2021-00171-v00.pdf
FC-PM June 7, 2021 Ad-hoc Meeting Minutes

4 Review of Old Action Items

Action items carried forward from prior meetings:

None

New action items from this meeting:

None

Completed action items from prior meetings:

None

5. Old business

5.1 FC-PM Draft Standard Development (T11-2021-00005-v003, David Peterson, Broadcom)

This meeting started with a discussion on merits of continuing this project in light of minimal progress in Persistent Memory use cases and any work on the notion of PM over fabrics. The proposed protocol provides a transport for RDMA and is not yet necessarily tied to Persistent Memory applications. David proposed he continue working on it and folks determine if there are any applications for it.

David presented updates to this deck about various topics to be covered by the standard. The notion of an FC-4 connection address (e.g. an IP address) was discussed. Would it be assigned/exchanged during PRLI? Question arose as to how it would be used and more research is necessary.

6. Scheduled business

None

7. Unscheduled business

None

8 Project Schedule

A project schedule was discussed and results follow.

Milestone	Expected Date
Last technical input	TBD
T11 RFC	TBD
Forward to INCITS	TBD

9 Review of Action Items

See 4.2, Review of Old Action Items.

A Meeting Schedule

The chair will request 1 hour at the T11 plenary week for FC-PM in Oct, 2021.
No interim conference calls will be scheduled.

B Attendance Check and Adjournment

Company 	Name	Role
Broadcom Inc	Howard Johnson	Member
Broadcom Inc	David Peterson	Int'l. Rep
Broadcom Inc	James Smart	Member
Broadcom Inc	Steven Wilson	Group Chair
Cisco Systems Inc	Mike Blair	Member
IBM Corporation	Patty Driever	Secretary
IBM Corporation	Roger Hathorn	Member
Marvell Semiconductor Inc	Craig Carlson	Vice Chair
NetApp Inc	Frederick Knight	Member
Viavi Solutions Inc	Jason Rusch	Member

Motion:

***Dave Peterson (Broadcom) moved Roger Hathorn (IBM) seconded to adjourn.
Approved by acclamation.***

The regular meeting was adjourned at 9:48 AM MDT on 17 Aug, 2021.