Minutes
T11.3 FC-RDMA ad hoc work group regular meeting
06 Apr, 2022 – 9:00AM-10:00AM EDT

The FC-RDMA ad hoc work group of the Fibre Channel Protocol (T11.3) Task Group held a regular meeting on 06 Apr, 2022, hosted by FCIA. Attendance was 9 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 06 Apr, 2022 at 09:02 AM CDT and led a round of introductions and thanked the host (FCIA) 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-RDMA ad hoc work group regular meeting 06 Apr, 2022 was posted as T11/2022-00136-v000.

Motion: Davis Peterson (Broadcom) moved and Patty Driever (IBM) seconded to accept T11/2022-00136-v000 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.

T11-2022-00053-v000.pdf
FC-RDMA Feb 08, 2022 Ad-hoc Meeting Minutes

4 Review of Old Action Items

Action items carried forward from prior meetings:

New action items from this meeting:

Completed action items from prior meetings:
2021-1: David Peterson to forward project proposal for FC-RDMA name change to T11 for further processing. - Closed

5. Old business
None

6. Scheduled business
None

7. Unscheduled business

7.1 FC-RDMA Draft Standard Development T11/2022-00039-v001 Peterson (Broadcom)

David presented is charts that outline the scope of work for the development of the standard.

He referenced RFC 5040, 5041 and Infiniband Architecture Release 1.5 vol 1 – General specifications as the input material to this work effort and again reminded attendees to learn from them if they want to help.

Some design points discussed included
- We will use Requestor and Responder vs. Initiator/Target
- The "IP Address" i.e., the RDMA handle will be sent in PRLI, if needed.
- No FC-4 link service "connect" command should be needed. Just use the RDMA protocol packaged in command IUs.

No motions or action items were recorded.

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, Review of Action Items.

10 Meeting Schedule

The chair will request 1 hour at the T11 plenary week for FC-RDMA in Duluth, MN June, 2022.

No interim conference calls will be scheduled.

11 Attendance Check and Adjournment

Company	Name	Role
Broadcom Inc	Howard Johnson	Member
Broadcom Inc	David Peterson	Member
Cisco Systems Inc	Harsha Bharadwaj	Member
Cisco Systems Inc	Edward Mazurek	Member
Hewlett Packard Enterprise	Barry Maskas	Member
IBM Corporation	Patty Driever	Member
IBM Corporation	Roger Hathorn	Member
Marvell Semiconductor Inc	Craig Carlson	Group Chair
NetApp Inc	Frederick Knight	Member

Motion:
Dave Peterson (Broadcom) moved Patty Driever (IBM) seconded to adjourn. Approved by acclamation.

The regular meeting was adjourned at 9:44AM CST on 06 Apr, 2022.