

Minutes
T11.3 FC-GS-9 ad hoc work group regular meeting
02 June 2020 – 2:30PM – 5:00PM CDT
Virtual Meeting

The FC-GS-9 ad hoc work group of the Fibre Channel Protocol (T11.3) Task Group held a regular meeting using the Zoom online platform on 02 June 2020, hosted by Marvell. Attendance was 11 people from 7 organizations and is tabulated at the end of this document.

Minutes were taken by Patty Driever (IBM) (pgd@us.ibm.com). Corrections may be requested either before the subsequent meeting by email to pgd@us.ibm.com or at the subsequent meeting in person.

1 Opening remarks & Introductions

Chairperson Dave Peterson (Broadcom) opened the regular meeting Tuesday, 02 June 2020 at 02:30 PM CDT. He thanked our Zoom host organization, Marvell, and led a round of introductions.

1.1 Attendance and Membership

The chair explained that attendance is recorded electronically at 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. 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.

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 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.

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 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>.

2 Approval of Agenda

An agenda for the FC-GS-9 ad hoc work group regular meeting 02 June 2020 has been posted as T11-2020-00111-v000.

Howard Johnson (Broadcom) moved and Mark Malcolm (Fujitsu) seconded to accept T11-2020-00111-v000 as the agenda for this regular meeting. Approved unanimously.

3 Review of Past Business

3.1 Review of Minutes

Minutes for the FC-GS-9 ad hoc work group regular meeting 07 April 2020 have been posted as T11/2020-00081-v000.

Howard Johnson (Broadcom) moved and Mark Malcolm (IBM) seconded to accept T11/2020-00081-v000 as the minutes of the FC-GS-9 ad hoc work group meeting on 07 April 2020. Approved unanimously.

3.2 Review of Old Action Items

Action Items Carried Forward From Prior Meetings:

None

New Action Items Identified Last Meeting:

None

4 Old Business

4.1 How Do You Like Me Now? (2020-00017-v000) Johnson (Broadcom)

Nothing new on this topic today.

5.0 New Business

5.1 Platform Object Name (2020-00125-v000) Peterson (Broadcom)

Dave showed the current platform object. It only applies to FCP-4...we don't have any other FC-4 specific platform objects specified. Dave wondered out loud if we should have a similar notion for FC-NVMe.

Concern was whether the Platform Name should be used as the enclosure identifier. It does have one variation that says the name is not assigned by an entity that ensure uniqueness, but it has others that could be considered as providing uniqueness. A Platform Object has a Name, a Type, a Platform Attribute Block, and Management Address(es). Entities can register these attributes into a fabric and a management entity could pull it out. But Howard suggested we could have the fabric send out an ELS to request this info. Another suggestion was that the enclosure specific ID piece also could be put in the response to the RNID (as FC-SB does). We could define something more generic like this for NVMe and FCP. We could take what was done for SB, move it into FC-LS, and make the field definitions specific enough, but also generic enough so they work for all ULPs.

Howard/Roger/Dave to work out a proposal on how FC-SB RNID response data can be generically defined for incorporation into FC-LS.

Mike Blair/MarkAllen/Howard also agreed to take an action item to see how often Platform Name is registered in current field data.

6 Unscheduled Business

7 Project Schedule

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

8 Review of Action Items

Action Items Carried Forward:

None

New Action Items:

0620-001 Switch vendor reps to look at field data and determine how frequently Platform Name is registered today.

0620-002 Howard/Roger/Dave to work out a proposal on how FC-SB RNID response data can be generically defined for incorporation into FC-LS.

9 Meeting Schedule

9.1 Next Plenary Week

Request 2 hours for FC-GS-9 at the T11 virtual event week 10 August - 14 August 2020.

10 Adjournment

Howard Johnson (Broadcom) moved and Roger Hathorn (IBM) seconded to adjourn. Approved unanimously.

The regular meeting was adjourned at 03:03 PM CDT on 02 June 2020.

11 Attendance

Organization	Representative	T11.3 Member Company
BROADCOM LIMITED	David Peterson	Y
BROADCOM LIMITED	Howard Johnson	Y
BROADCOM LIMITED	James Smart	Y
CISCO SYSTEMS INC	Mark Allen	Y
CISCO SYSTEMS INC	Mike Blair	Y
FUJITSU AMERICA INC	Mark Malcolm	Y
HEWLETT PACKARD ENTERPRISE	Barry Maskas	Y
IBM	Patty Driever	Y
IBM	Roger Hathorn	Y
NETAPP INC	Frederick Knight	Y
VIAVI SOLUTIONS INC	Jason Rusch	Y