Minutes
T11.3 FC-GS-9 ad hoc work group regular meeting
03 December 2019 – 1:30PM – 4:00PM CST
New Orleans, LA, USA

The FC-GS-9 ad hoc work group of the Fibre Channel Protocol (T11.3) Task Group held a regular meeting at New Orleans, LA on 03 December 2019, hosted by SNIA/SFF. Attendance was 11 people from 6 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, 03 December 2019 at 01:38 PM CST. He thanked our host organization, SNIA/SFF, 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 03 December 2019 has been posted as T11-2019-00336-v000.

Howard Johnson (Broadcom) moved and Jason Rusch (Viavi) seconded to accept T11-2019-00336-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 08 October 2019 have been posted as T11/2019-00299-v000.

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Howard Johnson (Broadcom) moved and Mike Blair (Cisco) seconded to accept T11/2019-00299-v000 as the minutes of the FC-GS-9 ad hoc work group meeting on 08 October 2019. 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

5.0 Scheduled Business

5.1 How Do You Like Me Now? (2019-00349-v000) Johnson (Broadcom)

Howard Johnson (Broadcom) brought in some options to consider when trying to make an association between ports in a fabric and an enclosure. In practice, node name doesn't work (terminates at the HBA in some implementations). Other ideas were IP address and symbolic name. IP Address requires bringing back the IP server which is now obsolete.
Howard proposed use of RNID or use of the Hostname FDMI Attribute or use of Platform Registration (in Fabric Configuration Server).

Relative to RNID, only FC-SB defines the node unique identifier in the Specific Identification Data field. RNID can also be sent by the Fabric Controller to collect all this data from all connected endpoints. One thing the General Topology Discovery field does give you is the IP address (but not sure anyone actually fills it out). FC-SB folk are willing to move this to FC-LS to enable use across the board.

Relative to FDDI hostname, it's a port attribute, optional, and not guaranteed to be unique. Same for serial number and Node Symbolic Name.

Relative to Platform Registration, there are options for global uniqueness (T10 identifier, EUI 64 identifier, UUI, or FC-FS-6 Name Identifier). If you try to register a name that already exists it will be rejected as a duplicate.

Howard's initial suggestion is to use Platform Name via Platform Registration, but he finds the RNID has some real advantages. Both ideas were tossed around. No consensus just yet. More to follow.

6 Unscheduled Business

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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:

None

9 Meeting Schedule

9.1 Next Plenary Week

Request 2 hours for FC-GS-9 at the T11 plenary week in Fort Worth, TX, 03 February - 07 February 2020.

10 Adjournment

Howard Johnson (Broadcom) moved and Mike Blair (Cisco) seconded to adjourn. Approved unanimously.
The regular meeting was adjourned at 02:26 PM CST on 03 December 2019.

11 Attendance

Organization	Representative	T11.3 Member Company
BROADCOM LIMITED	David Baldwin	Y
BROADCOM LIMITED	David Peterson	Y
BROADCOM LIMITED	Howard Johnson	Y
BROADCOM LIMITED	Steven Wilson	Y
CISCO SYSTEMS INC	Mike Blair	Y
CISCO SYSTEMS INC	Mark Allen	Y
DELL INC	Alan Rajapa	Y
HEWLETT PACKARD ENTERPRISE	Barry Maskas	Y
IBM	Patty Driever	Y
IBM	Roger Hathorn	Y
VIAVI SOLUTIONS	Jason Rusch	Y