

Minutes

T11.3 FC-FS-6 ad hoc work group interim conf call 28 March 2019 – 2:00PM – 3:30PM CST

The FC-FS-6 ad hoc work group of the Fibre Channel Protocol (T11.3) Task Group held an interim conference call meeting on 28 March 2019. Attendance was 13 people from 8 organizations and is tabulated at the end of this document.

Minutes were taken by Patty Driever (IBM) (pgd@us.ibm.com). Please report any corrections by email to the T11.3 reflector at T11_3@mail.T11.org.

1 Opening remarks & Introductions

Chairperson Dave Peterson (Broadcom) opened the regular meeting Thursday, 28 March 2019 at 02:08 PM CST. He led a round of introductions of those on the call.

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

No agenda was posted for this meeting. This meeting is held to complete action item 1902-02.

3 Review of Past Business

3.1 Review of Minutes

Minutes for the FC-FS-6 ad hoc work group regular meeting 05 February 2019 have been posted as T11/2019-00034-v000.

They will be voted on at the next regular ad hoc working group meeting scheduled for 09 April 2019 in Boca Raton, FL.

3.2 Review of Old Action Items

Action Items Carried Forward From Prior Meetings:

None

New Action Items Identified Last Meeting:

- 1902-01** Each member company is requested to review the current FC-FS specification of Name Identifiers to understand what elements cannot be changed.
- 1902-02** Chair to request interim conference call to discuss Name Identifier changes for 28 March 2019 at 3:00PM EST.

These action items will be reviewed at the next regular ad hoc working group meeting on 09 April 2019, however this meeting is in response to action items 1902-01 and 1902-02 having been completed.

4 Old Business

4.1 Name Identifiers for the 21st Century (2019-00071-v000) Weber (Western Digital)

Ralph reviewed some proposed text changes to address the changes IEEE has made in regard to name identifiers. First some background: Basically Company IDs are things of the future while OUIs are things of the past—you can't buy OUIs any longer. When you bought an OUI in the past you bought a range of addresses. When you buy a Company ID you buy a single number. OUIs have a 0 in the 'magic bit' (bit 9 of word 0), while Company IDs have a 1.

As text was reviewed some editing suggestions were made. For example, looking at the Type 1 and Type 2 NAAs, it was suggested that the definitions need to be more general.

Also, there are places where the ‘why’ of something is described, but it was suggested that this be placed in an informative annex rather than within the normative text. The content of Annex J (WWN-to-EUI-64 Mapping) also likely needs to be changed. **Action Item:** Dave Peterson will look at this and suggest changes that are needed in light of the new IEEE mappings. Discussion of this topic will continue at the April face-to-face.

5.0 Scheduled Business

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

New Action Items Identified at This Meeting:

1903-01 Dave Peterson (Broadcom) to review Annex J – WWN-to-EUI-64 Mapping---to see what changes are required in light of the new changes discussed

Review of earlier action items will occur at the April regular ad hoc working group meeting on 09 April 2019.

9 Meeting Schedule

9.1 Next Plenary Week

Next regular ad hoc working group meeting will be 09 April 2019 in Boca Raton, FL.

10 Adjournment

The interim meeting was adjourned at 03:12 PM CST on 28 March 2019.

11 Attendance

Organization	Representative	T11.3 Member Company
BROADCOM LIMITED	David Peterson	Y
BROADCOM LIMITED	Howard Johnson	Y
BROADCOM LIMITED	David Baldwin	Y
BROADCOM LIMITED	Steven L Wilson	Y
CISCO SYSTEMS INC	Mike Blair	Y
HEWLETT PACKARD ENTERPRISE	Barry Maskas	Y
IBM	Patty Driever	Y
IBM	Roger Hathorn	Y
MARVELL SEMICONDUCTOR	Craig Carlson	Y
NETAPP INC	Frederick Knight	Y
NETAPP INC	John Meneghini	Y
VIAVI SOLUTIONS	Jason Rusch	Y
WESTERN DIGITAL	Ralph Weber	N