

Minutes

T10 FCP-5 ad hoc work group regular meeting 08 December 2021 – 9:30AM – 12:00PM EST Deerfield Beach, Florida (Hybrid Meeting)

Document: T10-21-143r0/T11-2021-00339-v000

Attendance was 10 people from 6 organizations and is tabulated at the end of this document.

1 Opening remarks & Introductions

Dave Peterson (Broadcom) opened the regular meeting Wednesday, 08 December 2021 at 09:30 AM EST. He thanked our host organization, Amphenol, for the hotel along with Marvell for providing the Zoom facilities and led a round of introductions.

1.1 Attendance and Membership

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 Code of Conduct

The chair referenced the INCITS Code of Conduct and suggested everyone become familiar with its content. It can be found on the INCITS website at the following link: [eb-2020-00772-INCITS Code of Conduct.pdf](https://www.incits.org/standards-information/legal-info/eb-2020-00772-INCITS-Code-of-Conduct.pdf).

It will be reviewed at the plenary meetings later this week, and then subsequently in all Ad Hoc meetings as well.

1.3 Patents

The chair explained that this is a regular agenda item to identify any potential patent issues with developing standards and technical reports. For additional information on ANSI procedures and patent policy, please see INCITS web page at <http://www.incits.org/standards-information/legal-info>. Questions about this policy should be referred to the questioner's legal counsel or the ANSI General Counsel.

1.4 Antitrust

The Chair stated that the meeting was operating under INCITS procedures, and called special attention to the ANSI patent policies and the INCITS antitrust policies (<http://www.incits.org/standards-information/legal-info>). The Chair noted that the INCITS Antitrust Guidelines applied to this committee meeting, and that it was the responsibility of all attendees, and not just the Officers, to ensure that the Guidelines are followed, and to terminate discussions if they are not.

2 Approval of Agenda

An agenda for the FCP-5 ad hoc work group regular meeting 08 December 2021 has been posted as T11 document T11-2021-00318-v000 and T10 document T10/21-142r0.

Roger Hathorn(IBM) moved and Ed Mazurek (Cisco) seconded to accept T11-2021-00318-v000/T10/21-142r0 as the agenda for this regular meeting. Approved unanimously.

3 Review of Past Business

3.1 Review of Minutes

Minutes for the FCP-5 ad hoc work group meeting of 07 October 2021 have been posted as T10-21-121r0/T11-2021-00275-v000.

Roger Hathorn (IBM) moved and Ed Mazurek (Cisco) seconded to accept T10-21-121r0/ T11-2021-00275-v000 as the minutes of the FCP-5 ad hoc work group meeting on 07 October 2021. 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 FCP-5 Draft Standard Rev 03a (T10-fcp5r03a) (T11-2021-00019-v003) Peterson (Broadcom)

Dave built a new revision that contains his proposed resolution to the remaining open 31 comments.

4.2 RFC Ballot Resolution (T10/21-029r7) (T11-2021-00068-v007) Peterson (Broadcom)

Dave presented the text he proposed as resolution to the various comments and results are as noted below:

BDCM-JS002 and IBM-rh004	Dave added text in 4.63 for PRLI bit with respect to FLUSH-based recovery. Modeled after what was done with REC. But text repeated what was in the PRLI section, so text was modified by group.
IBM-rh007	Removed 'none required' and 'allowed' from the description (leave simply 'Process Login')
CSCO-TG001	No change
IBM-rh009	Dave wants to eliminate Query Task task management function mapped to REC (Section 4.9.3). Change notation in Table 7

	about this function to ‘not supported’
IBM-rh013	New text accepted
IBM-rh015	New text accepted
IBM-rh016	New text accepted
IBM-rh017	New text accepted
CSCO-HB005	Fixed in resolution of IBM-rh004
CSCO-MB002	Fixed in resolution of IBM-rh004
CSCO-MB003	Fixed in resolution of IBM-rh004
BCM-JS010	Fixed in resolution of IBM-rh004
CSCO-MB005	Behavior if Parameter field is set to 0 is implementation-specific – no text added
BCM-JS011	Fixed in resolution of IBM-rh004
CSCO-HB007	Fixed in resolution of IBM-rh004
IBM-rh019	Similar text for initiator request in IBM-rh004
IBM-rh020	How REC is used is in 4.6.2 and 4.9.3 (so no change explicit for this one)
BCM-dp070	Dave wants us to look at ABTS sequence recovery---we’ll pick up here next time and discuss in FC-FS

5.0 Scheduled Business

5.1

6 Unscheduled Business

7 Project Schedule

Milestone	Expected Date
Last technical input	June 2020
RFC Letter Ballot for T10 and T11	February 2021
T10 Letter Ballot	March 2022

8 Review of Action Items

Action Items Carried Forward:

None

New Action Items:

None

9 Meeting Schedule

9.1 Next Plenary Week

Request interim meeting for 2 hours on January 5, 2022 from 10-noon CST.

Request 2 hours for FCP-5 at the T11 plenary week hybrid meeting 07 February - 11 February 2021 in Raleigh, NC.

Next T10 is the week of January 10nd – 14th in Irvine, CA.

10 Adjournment

Roger Hathorn (IBM) moved and Fred Knight (NetApp) seconded to adjourn. Approved unanimously.

The regular meeting was adjourned at 12:06 PM EST on 08 December 2021.

11 Attendance

Organization	Representative	T11.3 Member Company
BROADCOM LIMITED	David Peterson	Y
BROADCOM LIMITED	James Smart	Y
CISCO SYSTEMS INC	Harsha Bharadwaj	Y
CISCO SYSTEMS INC	Mike Blair	Y
CISCO SYSTEMS INC	Ed Mazurek	Y
HEWLETT PACKARD ENTERPRISE	Barry Maskas	Y
IBM	Patty Driever	Y
IBM	Roger Hathorn	Y
MARVELL SEMICONDUCTOR	Craig Carlson	Y
NETAPP	Frederick Knight	Y

