

**Minutes**  
**T10 FCP-5 ad hoc work group regular meeting**  
**05 January 2022 – 11:00AM – 1:00PM EST**  
**Interim Virtual Meeting**

Document: T10-22-016r0/T11-2022-00006-v000

Attendance was 6 people from 5 organizations and is tabulated at the end of this document.

## **1 Opening remarks & Introductions**

Dave Peterson (Broadcom) opened the interim meeting Wednesday, 05 January 2022 at 11:05 AM EST.

### ***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:

[https://standards.incits.org/apps/group\\_public/document.php?document\\_id=124850&wg\\_abbrev=eb](https://standards.incits.org/apps/group_public/document.php?document_id=124850&wg_abbrev=eb)

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 interim meeting 05 January 2022 has been posted as T11 document T11-2022-00004-v000 and T10 document T10/22-015r0.

Roger Hathorn (IBM) moved and Fred Knight (NetApp) seconded to accept T11-2022-00004-v000/T10-22-015r0 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 regular meeting 08 December 2021 have been posted as T11/2021-00339-v000/T10-21-143r0.

They will be voted on at the next regular ad hoc working group meeting scheduled for 08 February 2022 to be held both in-person in Raleigh, NC and virtually via WebEx.

### ***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)***

For reference, this is the draft standard against which comments were made in the RFC.

### ***4.2 FCP-5 RFC Ballot Comment Resolution (T10/21-029r8, T11-2021-00068-v008) Peterson (Broadcom)***

Dave continued the review of unaddressed RFC comments during this meeting. There were 14 open comments remaining. The following comments were addressed, with resolution/action as noted:

IBM-rh009 – Dave re-opened this one since it was noted that we cannot obsolete Query\_Task – but table says RC=09h with explanation 15h, it could be either FUNCTION\_COMPLETE or SERVICE DELIVERY or TARGET FAILURE. Will ask HP how to best handle (since they use Query Task)

IBM-rh020 – accepted – Dave to add reference to REC being used for both uses of REC

IBM-rh030 – accepted – changes made in IBM rh026 handle this mostly, but Dave will look at also adding words regarding not closing the exchange.

IBM-rh032 – accepted – clarify it’s the successful negotiation of PRLI RETRY for REC-based recovery – will also add n/a to blank boxes  
 IBM-rh031 – accepted – Dave will strike most of sentences in note a)  
 CSCO-HB010 – addressed in IBM-rh004 and IBM-rh032 – Dave will leave open until Harsha reviews and accepts the response  
 CSCO-EM002 – tied to HB010 resolution – Cisco to review  
 CSCO-HB008 – Mike Blair to confirm with Harsha what he means by FDTOV, and where does ED\_TOV come in to play when using FLUSH\_TOV  
 IBM-rh038 – accepted – Dave will make suggested change  
 IBM-rh050 – accepted – Dave will make suggested change  
 IBM-rh043 – accepted – Dave will make suggested change  
 IBM-rh044 – accepted – Dave will make suggested change  
 IBM-rh045 – accepted – Dave will make suggested change  
 BCM-dp070 – accepted – Dave provided a series of suggested changes.

Dave will implemented what was agreed to and will post a rev-b of the spec to pull things together and add clarity.

## 5.0 Scheduled Business

## 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:

**2201-01** Editor to upload latest revision (a 2022 version-- T11-2022-00005-v0) of Comment Resolution document and revision 3b of the draft with all agreed to resolutions

## 9 Meeting Schedule

### 9.1 Next Plenary Week

The next meeting of this ad hoc working group will be during the T11 plenary week of 07 February - 11 February and will be a hybrid meeting, both in person in Raleigh, NC and via Webex.

## 10 Adjournment

Roger Hathorn (Broadcom) moved and Ed Mazurek (Cisco) seconded to adjourn. Approved unanimously.

The regular meeting was adjourned at 12:32 PM EST on 05 January 2022.

## 11 Attendance

Organization	Representative	T11.3 Member Company
BROADCOM LIMITED	David Peterson	Y
CISCO SYSTEMS INC	Ed Mazurek	Y
DELL INC	David Brown	Y
IBM	Patty Driever	Y
IBM	Roger Hathorn	Y
NETAPP	Frederick Knight	Y