

**Minutes**  
**T11.3 FC-PM ad hoc work group regular meeting**  
**07 June, 2021 – 1:30PM-02:00PM CDT**  
**Virtual Meeting**

The FC-PM ad hoc work group of the Fibre Channel Protocol (T11.3) Task Group held a regular meeting virtually via Zoom on 07 June, 2021, hosted virtually by Marvell. Attendance was 11 people from 8 organizations and is tabulated at the end of this document.

Roger Hathorn (IBM) (rhathorn@us.ibm.com) took minutes. Please report any corrections by email at [fc\\_protocol@standards.incits.org](mailto:fc_protocol@standards.incits.org)

## **1 Opening Remarks**

### ***Introductions***

Chairperson Craig Carlson (QLogic) opened the regular meeting on 07 June, 2021 at 01:40 PM CDT and led a round of introductions and thanked the host (Marvell) for providing the Zoom meeting facilities.

## **2 Meeting Policy**

### ***2.1 Attendance and Membership***

The chair explained that attendance is recorded electronically at <https://standards.incits.org/apps/org/workgroup/t11>, 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.

### ***2.2 Code of Conduct***

The chair indicated that among the rules and policies under which this working group operates is the INCITS Code of Conduct policy:  
[https://standards.incits.org/apps/group\\_public/download.php/124850/INCITS-CodeOfConduct.pdf](https://standards.incits.org/apps/group_public/download.php/124850/INCITS-CodeOfConduct.pdf).

## **2.3 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](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.

## **2.4 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>

## **3 Administrivia**

### **3.1 Approval of Agenda**

An agenda for the FC-PM ad hoc work group regular meeting 07 June, 2021 was posted as T11/2021-00148-v000.

***Motion: Davis Peterson (Broadcom) moved and Patty Driever (IBM) seconded to accept T11/2021-00148-v000 as amended as the agenda for this regular meeting.***

Approved by acclamation.

### **3.2 Review of Minutes**

***Motion: Davis Peterson (Broadcom) moved and Patty Driever (IBM) seconded to accept the following document as the official minutes for the previous regular meeting***  
***Approved by acclamation.***

T11-2021-00092-v00.pdf

FC-PM April 5, 2021 Ad-hoc Meeting Minutes

## 4 Review of Old Action Items

**Action items carried forward from prior meetings:**

None

**New action items from this meeting:**

None

**Completed action items from prior meetings:**

None

## 5. Old business

### **5.1 FC-PM Draft Standard Development (T11-2021-00005-v002, Peterson, Broadcom)**

David presented updates to this deck about various topics to be covered by the standard. It draws from content of the RFCs that teach us RDMA wire protocols, such as RFC5040 – RDMA and RFC5041 – Direct Data Placement over Reliable Transports (DDP) and Infiniband and on current mappings of SCSI, FICON, and NVMe over the FCP transport.

David encouraged participants to brush up and/or study these resources to become familiar with the topics presented.

## 6. Scheduled business

None

## 7. Unscheduled business

None

## 8 Project Schedule

A project schedule was discussed and results follow.

<b>Milestone</b>	<b>Expected Date</b>
Last technical input	TBD
T11 RFC	TBD
Forward to INCITS	TBD


## 9 Review of Action Items

See 4.2, Review of Old Action Items.

## A Meeting Schedule

The chair will request 1 hour at the T11 plenary week for FC-PM in Aug, 2021.  
No interim conference calls will be scheduled.

## B Attendance Check and Adjournment

Company 	Name	Role
Amphenol Corporation	Paul Coddington	Member
Broadcom Inc	Howard Johnson	Member
Broadcom Inc	James Smart	Member
Cisco Systems Inc	Mike Blair	Member
Cisco Systems Inc	Ramesh Sivakolundu	Member
Dell Inc	David Brown	Member
Hewlett Packard Enterprise	Barry Maskas	Member
IBM Corporation	Patty Driever	Secretary
IBM Corporation	Roger Hathorn	Member
Marvell Semiconductor Inc	Craig Carlson	Vice Chair
NetApp Inc	Frederick Knight	Member

***Motion:***

***Dave Peterson (Broadcom) moved Roger Hathorn (IBM) seconded to adjourn.***

***Approved by acclamation.***

The regular meeting was adjourned at 1:51 PM CDT on 07 June, 2021.