

Accredited Standards Committee
INCITS, Information Technology

Doc. Number: 13-186v1
Date: 6/6/13
Project:
Reply to: Dean Wallace

TO: MEMBERSHIP of T11.2
FROM: Dean Wallace Chair FC-PI-6 Working Group
Subject: Approved minutes of FC-PI-6 ad hoc 4/10/13

AGENDA

1. Opening remarks and introductions
2. Attendance and membership
3. Approve agenda
4. Document Distribution
5. Review minutes of previous meeting
6. Review old action items
7. Call for patents
8. Liaison Reports
 - 8.1. None
9. Presentations
 - 9.1 32GFC rate selection discussion, Richard Johnson, Finisar, 13-119v0
 - 9.2 CFP4 for four lane applications, Richard Johnson, Finisar, 13-120v0
 - 9.3 Review current FC-PI-6 document, Hossein Hashemi, Emulex, 13-135v0
- 10 Project review
 - 10.1 None
11. Review action items
12. Next meeting schedule
13. Adjourn

RESULTS OF MEETING

1. Opening remarks and introductions

Dean Wallace, chair, led the meeting. He opened the meeting at 9:00am on Wednesday. He led a round of introductions, and thanked our host FCIA.

2. Attendance and Membership

Attendance at plenary meetings does count toward minimum attendance requirements for T11.2 membership. Working group meetings are open to any person or organization directly and materially affected by T11.2's scope of work but do not count toward minimum attendance for T11.2 membership.

The following people attended this meeting:

AGILENT TECHNOLOGIES	Joachim Vobis
AVAGO TECHNOLOGIES	Brian Misek
BROCADE	Scott Kipp
COMMSCOPE	Richard Case
COMMSCOPE, INC.	G. Mabud Choudhury
COMMSCOPE, INC.	Jack Jewell
CORNING INC.	Doug Coleman
DATA CENTER SYSTEMS	Jack Edwards
EMC	Gary S. Robinson
EMULEX	Hossein Hashemi
FINISAR	Andy Williams
FINISAR CORPORATION	Richard Johnson
HEWLETT-PACKARD COMPANY	Barry Maskas
IBM MICROELECTRONICS	David Stauffer
JDSU	Dave Lewis
LSI CORP.	Adam Healey
LUXTERA	Tom Palkert
OFS FITEL LLC	Roman Shubochkin
PANDUIT CORPORATION	Jose Castro

3. Approval of Agenda

The motion to approve the agenda was made by Joachim Vobis, Agilent and approved by acclamation.

4. Document distribution

This section describes the availability of draft documents that are intended to be published as a result of work by the electrical working group.

Document distribution is now being done over the web. Documents relating to the electrical working group work can be found on the T11 website (www.t11.org) by going to “documents” and searching on the key word electrical.

A summary of the presently active policy to document distribution is included for reference.

All presentations are posted electronically at the approved ftp within two weeks after the meeting. Format must be an approved electronic file format.

Presentations are defined as material shown publicly in the plenary or authorized working group meetings.

Submission of documents for T11 document numbers: An online system is now available to provide document numbers and accept the submission of documents. The system is accessed via the T11 web page at <http://www.t11.org>. Follow the “docs” link in the left hand frame, or at the bottom, and fill in a form giving details of the document. In order to complete the form, it will be necessary to enter a password. The password is given out at T11 meetings, or can be obtained from the T11 chair. Instructions will then be given about uploading the file to the ftp site.

We now use all electronic document distribution.

A T11.2 reflector is operational over the T11 site.

The committee forms its agenda by the following:

1. A call (reminder) for presentations by the chair three weeks in advance.
2. Those wanting to be on the agenda submit request including; title, presenter, time required, abstract.
3. Chair creates an agenda and posts two weeks before the meeting.
4. At the meeting it is the chair’s discretion to allow additional presentations.

5 Review minutes of previous meeting and review of minutes from interim meeting

Motion to approve February meeting minutes, Hossein Hashemi, Emulex moved to approve minutes, group approved by acclamation.

6 Review old action items

What connector loss numbers are needed. Jack Edwards, DCS, carry-over

What are the datacenter requirements for 500 meters to 1Km and 2Km to 10Km. Jack Edwards, DCS. Carry-over

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7 Call for patents

The chair showed the slides for the patent policy in document 08-406v0. The presentation is also on the USB stick that was distributed.

8 Liaison Reports

There were no liaison reports.

9 Presentations

9.1 32GFC rate selection discussion, Richard Johnson, Finisar, 13-119v0

Two options for 32GFC rate selection were reviewed.

The first option was rate select high for 32GFC and low for 8GFC and 16GFC.

This choice supports the historic rate select behavior where high is the highest supported data rate and low denotes prior generation backward compatibility.

The second option was:

Rate select high (>2V) for 16GFC operation

Rate select low (<1V) for 8GFC operation

Rate select floating, weak pullup (1.2V to 1.8V) for 32GFC operation

Straw poll:

Richard Johnson, Finisar, Hossein Hashemi, Emulex
FC-PI-6 ad hoc recommends to SFF committee to adopt rate select scheme in presentation 13-119v0 slide 2 for 32GFC in SFP.

Yes: 15 No: 0 abstain:1

The straw poll was only to document the preference of the FC-PI-6 ad hoc. The SFF SWIG had already selected option number 1.

9.2 CFP4 for four lane applications, Richard Johnson, Finisar, 13-120v0

The presentation highlighted that the CFP module would be a viable option for 128GFC along with the QSFP form factor.

The module size and functional descriptions were reviewed and compared to the QSFP.

9.3 Review current FC-PI-6 document, Hossein Hashemi, Emulex, 13-135v0

Technical comment resolutions in document 13-002v1 were the resolution was not clear were reviewed so that the editor was clear on what changes were required. A 13-002v2 document will be uploaded.

Editorial comments will be corrected in 13-002v2. There were editorial comments from a previous letter ballot not deleted. There are only five FC-PI-6 editorial comments at this time.

The latest document rev 0.03 was reviewed to highlight areas where additional information is needed. The area where the most information is needed is the text for clause 7. The tables have been put in the document but the text that glues them all together needs to be added.

A motion was made requesting a 30 day T11.2 letter ballot.

Dean Wallace QLogic, Scott Kipp, Brocade

FC-PI-6 ad hoc requests a T11.2 letter ballot of document 13-135v1 which includes accepted modifications to document 13-135v0.

Yes: 16 No: 0 Abstain: 0

Motion passed unanimously

A motion to request a letter ballot in FC-PI-6 will be made.

The goal is to have the changes incorporated into the document and a document released to letter ballot so that the 30 day letter ballot closes before the June FC-PI-6 ad hoc. Comment resolution will then start at the June FC-PI-6 ad hoc.

A template for comments will be uploaded prior to letter ballot.

10 Project Review

There was no project review.

11 Review action items

Provide SFF informative references for FC-PI-6 document, Tom Palkert, Molex, closed

Upload presentation that has calculations for SM connector loss versus distance, Doug Coleman, Corning, closed

12 Next meeting schedule

Wednesday 06/05/13 from 9:00 to 5:30 in Coeur d'Alene, ID
Request two teleconference.

13. Motion to adjourn

Motion to adjourn: Hossein Hashemi, Emulex