

Accredited Standards Committee  
INCITS, Information Technology

Doc. Number:  
Date: 08/04/10  
Project:  
Reply to: Dean Wallace

TO: MEMBERSHIP of T11.2  
FROM: Dean Wallace Chair FC-PI-5 Working Group  
Subject: Draft minutes of FC-PI-5 ad hoc 08/04/10

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 Specification updates for 1600-DF-EA-S variants, Adam Healey, LSI, 10-356v0
  - 9.2 SCC22 spec consistency and SCC11, Piers Dawe, IPtronics, 10-380v0
  - 9.3 Comment resolution T11 letter ballot, All, 10-325v1
- 10 Project review
  - 10.1 None
11. Review action items
12. Next meeting schedule
13. Adjourn

RESULTS OF MEETING

**1. Opening remarks and introductions**

Operating under the procedures of the American National Standards Institute. INCITS SECRETARIAT, Information Technology Industry Council (ITI), 1250 Eye street NW, Suite 200, Washington DC, 20005-3922, Email: [incits@itic.org](mailto:incits@itic.org) Telephone 202-737-8888, FAX 202-638-4922

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:

## **3. Approval of Agenda**

The motion to approve the agenda was made by Michael DeBie (Avago) and approved by acclimation.

AGILENT TECHNOLOGIES	Joachim Vobis
AVAGO TECHNOLOGIES	Michael deBie
BROCADE	Scott Kipp
CORNING INC.	Doug Coleman
EMC CORPORATION	Jason Pritchard
ESILICON CORPORATION	Frank Barber
FINISAR CORPORATION	Richard Johnson
GENNUM CORPORATION	David Brown
JDSU	Dave Lewis
LSI CORP.	Adam Healey
LUXTERA	Tom Palkert
OPNEXT	Jon Anderson
SUMITOMO ELECTRIC DEVICE INNOVATIONS USA	Mark Furumai
SYSTIMAX SOLUTIONS	Terry Cobb
TYCO ELECTRONICS	Michael Walmsley

## **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](http://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 June meeting minutes, Richard Johnson (Finisar) moved to approve minutes, group approved by acclamation.

## **6 Review old action items**

NONE

## **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 Specification updates for 1600-DF-EA-S variants, Adam Healey, LSI, 10-356v0**

Adam reviewed proposed changes to the EA variant tables. For the transmit waveform section table 33 had changes to Np, Dp, Nw, Dw. Table 34 had changes to steady state output voltage, linear fit pulse peak and RMS error.

For the receive device signal tolerance values were defined for signal tolerance that are currently missing in FC-PI-5.

### **9.2 SCC22 spec consistency and SCC11, Piers Dawe, IPtronics, 10-380v0**

There was concern about the SCC connector specification and draft FC specification after de-embedding the compliance boards. The concern was that the numbers leave insufficient margin for the IC. Without the formulas (or the presenter in attendance) the group couldn't decipher the results and choose not to take any action at this point.

### **9.3 Comment resolution T11 letter ballot, All, 10-325v1**

There were a total of 47 comments, 38 of the comments were technical. All of the technical comments were resolved. The FC-PI-5 ad hoc recommended by a vote of 18-0-0 that the document as modified per the accepted comments be forwarded to INCITS for public review. The motion is listed below.

Motion Dean Wallace, seconded Scott Kipp (FC-PI-5 ad hoc motion)

The FC-PI-5 ad hoc recommends to T11.2 that document 10-113v1 as modified per accepted comments in comment resolution document 10-325v2 be forwarded to INCITS.

Yes: 18 No: 0 Abstain: 0

A document will be posted with the appropriate modifications to the T11 website and then one week later a conference call will be held. This is so the group can review that accepted comments were implemented correctly.

## **10 Project Review**

There was no project review.

## **11 Review action items**

Tom Palkert to supply chapter 5 figures to the editor.

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**12 Next meeting schedule**

Next meeting is Wednesday 10/20/10 from 9:00 to 5:30 in Seattle

Request three teleconference.

**13. Motion to adjourn**

Motion to adjourn: Frank Barber (eSilicon).