

Accredited Standards Committee
INCITS, Information Technology

Doc. Number: 13-185v0
Date: 04/16/13
Project:
Reply to: Dean Wallace

TO: MEMBERSHIP of T11.2
FROM: Dean Wallace Chair MSQS-2 Working Group
Subject: Draft minutes of MSQS-2 ad hoc 4/09/13

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 Jitter Tracking Requirements for 32GFC Optical RX, Dave Lewis, JDSU, 13-159v0
 - 9.2 CTLEs used in sampling scopes, Joachim Vobis, Agilent, 13-158v0
 - 9.3 Review MSQS-2 rev 0.6, Richard Johnson, Finisar, 13-009v1
- 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 1:30pm on Tuesday. 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
COMMSCOPE, INC.	G. Mabud Choudhury
EMULEX	Hossein Hashemi
FINISAR	Andy Williams
FINISAR CORPORATION	Richard Johnson
JDSU	Dave Lewis
LSI CORP.	Adam Healey
LUXTERA	Tom Palkert
OFS FITEL LLC	Roman Shubochkin
PANDUIT CORPORATION	Jose Castro
QLOGIC	Dean Wallace

3. Approval of Agenda

The motion to approve the agenda was made by Tom Palkert, Luxtera and approved by acclimation.

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.

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@itc.org Telephone 202-737-8888, FAX 202-638-4922

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, Richard Johnson, Finisar moved to approve minutes, group approved by acclamation.

6 Review old action items

No old action items

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 Jitter Tracking Requirements for 32GFC Optical RX, Dave Lewis, JDSU, 13-159v0

The 8GFC and 4GFC sinusoidal jitter templates were reviewed. The corner frequency was compared to 10GASE-R.

It was recommended that the corner frequency should not be baud rate/1667 for both 16GFC and 32GFC. The divisor is legacy and it isn't clear where the number came from. 16GFC is already complete so the sinusoidal jitter mask will not be changed for 16GFC. The 32GFC numbers are the same as OIF and is baud rate/2578 so it is slightly lower frequency than what was requested in the presentation.

No actions were taken by the ad hoc.

9.2 CTLEs used in sampling scopes, Joachim Vobis, Agilent, 13-158v0

CTLE and CRU implementation was reviewed for a typical sampling scope.

The clock recovery is before the CTLE software implementation therefore an open eye is required for the CRU in this implementation.

If the eye is not open then either a hardware CTLE needs to be implemented or an alternative is to provide another clock for the CRU that is from a channel that has the same reference clock.

An annex will be added to MSQS-2 that explains the subtleties of how to deal with closed or almost closed eyes with respect to figure 6.1 in MSQS-2.

9.3 Review MSQS-2 rev 0.6, Richard Johnson, Finisar, 13-009v1

Revision 0.6 of the MSQS-2 document was reviewed. All of the major clauses are in place and no significant changes are expected.

Richard reviewed areas of the document where he has questions.

An informal letter ballot will be done on revisions 0.6 of MSQS-2 and the comments will be resolved at the next meeting in preparation for T11.2 letter ballot.

10 Project Review

There was no project review.

11 Review action items

Annex will be added to MSQS-2 that explains the subtleties of how to deal with closed or almost closed eyes with respect to figure 6.1, Joachim Vobis, Agilent, Richard Johnson, Finisar

Calculate how much de-emphasis is required to meet HCB and host insertion loss requirements and what the resulting amplitude is with this de-emphasis. Brian Misek, Avago

Upload a comment resolution document for informal comment resolution on Rev 0.6 of MSQS-2. Dean Wallace, QLogic

12 Next meeting schedule

Tuesday 6/4/13 from 1:30 to 5:00 in Coeur d' Alene, ID
Request two teleconference.

13. Motion to adjourn

Motion to adjourn: Richard Johnson, Finisar