

FC-PI-6/MSQS-2 Ad Hoc Group Status February 2014

- Met on Tuesday, February 4th from 1:30 to 4:00 and Wednesday February 5th from 9:00 to 11:30
- Currently running FC-PI-6 and MSQS-2 as one common meeting. The April meetings will be FC-PI-6P and MSQS-2.
- Presentations
- **FC-PI-6 discussion to forward to INCITS public review, All, 14-006v1**
 1. The final changes to clause 7 were reviewed to make sure that the changes needed to keep clause 7 in sync with 802.3bj were implemented correctly.
 2. A motion was made to ask T11 to forward FC-PI-6 to INCITS for public review. The motion passed unanimously.
- **MSQS-2 comment resolution, All, 14-005v2**
 1. Technical comments were resolved from T11 letter ballot. There were 77 total comments and 38 technical comments. All of the technical comments were resolved.
 2. There were comments to align the host compliance board (HCB) specifications with IEEE. In the process of doing this there were some discrepancies found with the comments, the IEEE resolution and an IEEE presentation. Further work is needed on this.
 3. A conference call is scheduled for Thursday February 27th at 9am PST to discuss this.
 4. A request to forward MSQS-2 to INCITS will not be made until the HCB issues are resolved. I'm anticipating that the request to forward will be made at the April meetings.

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■ **32GFC and 128GFC, looking backward and looking forward, Richard Johnson, Finisar, 14-021v0**

1. The presentation went through the existing 32GFC and 16GFC specifications.
 1. Highlighted differences between 32GFC and 16GFC power.
 2. Highlighted differences between 32GFC and 16GFC power.
2. Reviewed the various configurations that are highlighted in the FCIA MRD.
3. There was an overview highlighting potential difficulties of the various configurations that are required in the MRD.
4. There was discussion about how much of 100GBASE-SR4 should be leveraged for 128GFC.
5. Targeting the first attempt at link parameters for SW at the April meetings.
6. A target of technical stability for the SW optical link part in December 2014 seems feasible.
 1. The electrical link budget will need to be worked on also.

■ **100GBASE-SR4 update, Jonathan King, Finisar, 14-034v0**

1. The high level requirements were reviewed. The reach is 100 meter on OM4. FEC will be used.
2. Currently at draft 2.1. Aiming for technical stability following the March IEEE meeting.
3. An alternative transmitter test may be introduced to replace TDP. The test would be a VEC test based on scope measurements.
4. The differences between 100GBASE-SR4 and 128GFC were highlighted.
5. The 100GBASE-SR4 specs are a good starting point for 128GFC.

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The FC-PI-6 document 14-006v1 as modified with accepted edits to table 16 (document 14-006v2) be forwarded to INCITS for public review.

Yes: 14 No: 0 Abstain:0

The parameter et_{uj} in table 16 in clause 7 is changed from 0.18UI to 0.19UI. Also in note 4 the equation $ET_{UJ} = EJ_{UJ} + 7.9 * ER_J$ is changed to $ET_{UJ} = EJ_{UJ} + 9.0 * ER_J$. The BER is changed from $10e-5$ to $10e-6$.

Yes:14 No: 0 Abstain:0

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Request that T11 forward FC-PI-6 document number 14-006v2 to INCITS for public review.

FC-PI-6/MSQS-2 Ad Hoc Group Meeting requests February 2014

- **Future meeting schedule for FC-PI-6/MSQS-2 ad hoc**
 1. Tuesday 04/1/14 1:00 to 4:00, and Wednesday 04/2/14 from 9:00 to 12:30 in Scottsdale,AZ
 2. Requesting three conference calls.
 1. One scheduled for Thursday February 27th at 9am PST.
Discuss HCB specifications.