

# MMF Ad Hoc meeting minutes

13<sup>th</sup> Feb 2014

Approved minutes  
recorded by jonathan king

# MMF ad hoc meeting minutes, 13<sup>th</sup> Feb. 2014

- **Meeting started** at 9 am Pacific, chaired by Jonathan King.
- **Attendee list** was taken from the Webex attendee list, 17 attendees were noted.
- **Presentations** shared in the MMF ad hocs can be found at the MMF ad hoc web page.
  - <http://www.ieee802.org/3/bm/public/mmfadhoc/meetings/index.html>
- **IEEE patent policy:** Attendees were reminded of the IEEE patent policy
  - <http://www.ieee802.org/3/patent.html>
- **House keeping:** The agenda was approved. The minutes for the MMF ad hoc of 30<sup>th</sup> January were approved.
- **Presentations:**
  - VEC update – John Petrilla, [petrilla\\_01d1\\_0214\\_mmf](#)
  - SRS and TDP testing in Clause 95 – Adee Ran, [ran\\_01\\_0214](#)
- **Discussion:**
  - **VEC update**
  - John recapped prior work, and introduced new work using the link spreadsheet model which compared the variability in TDP value and VEC value for 19 different Tx scenarios (all of which had zero link margin), and for various timing offsets for VEC. He showed VEC had less variability across the 19 Tx scenarios when the timing offsets were in the range +/- 0.09 to +/-0.11 UI from eye centre. John also showed that the test set up for VEC was simpler with contemporary oscilloscopes with internal O:E. There was some discussion on 'scope accuracy and repeatability for different measurements; Greg LeCheminant offered to bring some work pertinent to this topic.
  - A straw poll was requested during discussion, so attendees were invited to email Pete Anslow vote to indicate support for a transmitter test based on either TDP, or VEC, or don't know/don't care.

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- **Discussion *continued***
  - **SRS and TDP testing in Clause 95**
  - Adee showed that the references made to clause 52 for SRS and TDP test set ups, and the test methodologies, refer to using the PCS layer to count BER, and don't include a description of testing just the PMD for example using a 'stand alone' BERT. Adee offered several solutions to correct this.
  - Pete Anslow said it would be desirable to allow people to use either method, and that the simplest way to do this might be to add an exception to the SRS and TDP test sections in Clause 95, in the same sentence that references Clause 52 test set up and procedure. Jonathan offered to draft some text to that effect.
- **Meeting ended** at 10.40 am.
- **Next meeting:** Thursday Feb 20<sup>th</sup>, 2014 , 9 am to 10.30 am (Pacific)

# Attendees

Pete Anslow, Ciena

Piers Dawe, Mellanox

Patrick Decker, Oracle

Dan Dove, Huawei

Mike Dudek, Qlogic

Ali Ghiasi, independent

Richard Johnson, Finisar

Myles Kimmitt, Emulex

Jonathan King, Finisar

Scott Kipp, Brocade

Greg LeCheminant, Agilent

Petar Pepeljugoski, IBM

John Petrilla, Avago Technologies

Adee Ran, Intel

Randy Rannow,

Mike Ressler, Hitachi-Cable

Olof Sahlen, TE