

MMF Ad Hoc meeting minutes

1st Aug 2013

Approved minutes
recorded by jonathan king

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- **Meeting started** at 9 am Pacific, chaired by Jonathan King.
- **Attendee list** was taken from the Webex attendee list, ~20 attendees were noted.
- **Presentations** shared in the MMF ad hoc 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>
- **Agenda slides were agreed.**
- **Meeting minutes for 11th July:** When asked, no objections were made to approving the 11th July meeting minutes, so they are approved by the MMF ad hoc.
- **Presentation 1:** [Clause 95 D1p1 TBDs and TBCs](#) – working document prepared by Jonathan King, listing remaining TBD and TBC items in clause 95 in D1p1 (i.e. after comment responses against D1p0 were incorporated). In addition, following editorial license granted as part of the response to comment 98 on D1p0, some proposed text introducing the SRS test conformance signal eye mask test (the stressed receiver eye mask) was reviewed, edited, and agreed by the group. The resultant text is shown on the following slide.
- **Discussion:**

Jonathan asked that work confirming the TDP value should be a priority, since all other TBC values were dependents of the TDP value, and that this should be completed before the York meeting: Piers said he would have a presentation in 3 weeks; John Petrilla said he would have a presentation in 2 weeks.

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- **Discussion cont'd:**

A number of other items needing changes were noted; these will be the subject of comments against D1p1:

- a) In section 95.8.9, the spec line 'Receive jitter tolerance in OMA, each lane (max)', is TBD in D1p1. A proposal to make this the same value as for SRS was discussed (-5.6 dBm). No objections were made to this proposal.
- b) Receive jitter tolerance needs a modification to item h to reference the target BER for clause 95. Proposed text is 'The interface BER of the PMD receiver is the average of the BER of all receive lanes when stressed **and complies with 95.1.1.**'
- c) An additional note is needed for Table 95-6 to say the min OMA must be respected even if TDP is <0.9 dB.

Proposed text to introduce stressed receiver eye mask test:

- Modify note 'e' to:

"The Gaussian noise generator, the amplitude of the sinusoidal jitter, and the Bessel-Thomson filter are adjusted so that the VECP, J2 Jitter and J4 Jitter specifications given in Table 95-7 are simultaneously met **while also passing the stressed receiver eye mask in Table 95-7 according to the methods specified in 95.8.7** (the random noise effects such as RIN, random clock jitter do not need to be minimized)."

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- **Meeting ended** at 10.10 am.
- **Actions and issues requiring resolution:**
 - Confirmation of TDP value.
- **Next meetings:**
 - 8th August 2013, 9am to 10.30am
 - 15th August 2013, 9am to 10.30am
 - 22nd August 2013, 9am to 10.30am

Attendees

Pete Anslow, Ciena

Dave Brown, Semtech

Wheling Cheng, Juniper

Doug Coleman, Corning

Piers Dawe, Mellanox

Dan Dove, Applied Micro

Mike Dudek, Qlogic

Jonathan King, Finisar

Richard Mellitz, Intel

Petar Pepeljugin, IBM

John Petrilla, Avago Technologies

Rick Pimpinella, Panduit

Rick Rabinovich, Alcatel-Lucent

Sam Sambasivan, ATT Labs

Jeff Slavik, Avago Technologies

Vivek Telang, Broadcom

Pirooz Tooyserkani, Cisco

Nathan Tracy, TE

Paul Vanderlaan, Berk-Tek

Zhongfen Wang, Broadcom

CK Wong, FCI