

MMF Ad Hoc meeting minutes

19th Sep 2013

Unapproved minutes
recorded by jonathan king

MMF ad hoc meeting minutes, 19th Sept. 2013

- **Meeting started late** at 9 am Pacific, chaired by Jonathan King.
- **Attendee list** was taken from the Webex attendee list, 13 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>
- **Agenda slides were agreed**
- **Meeting minutes for 29th August:** The 29th August meeting minutes were approved.
- **Discussion:** The group made a list of topics relevant to 100GBASE-SR4 which were worthy of further study.
 - Reference transmitter RIN specification
 - The difference between TDP and Allocation for penalties
 - The offset for Tx OMA min spec vs the Tx OMA minus TDP spec (currently 0.9dB)
 - Longer wavelength capable receivers
 - TDP filter currently includes effect of bandwidth restriction due to spectral width/chromatic dispersion – should it be included ? - *John Petrilla*
 - SRS – VECP definition currently includes some of the noise in the eye - *John Petrilla*
 - Review TDP limit to be sure it is a safe predictor of performance
 - Eye mask spec review
 - Review relaxed (2dB) ER spec: for signal borne noise e.g. effect on modal noise, mode partition noise; any issues for receivers? Addressable with worst case bound calculations and experiments.
 - Patrick Decker said there is paper being reviewed which will reveal some experimental results on modal partition noise
- **Meeting ended** at 9.50 am.
- **Next meeting:** Tues 8th October, 9am to 10.30 am

Attendees

Dave Brown, Semtech

Derick Cassidy, BT

Piers Dawe, Mellanox

Patrick Decker, Oracle

Mike Dudek, Qlogic

Ali Ghiasi, Broadcom

Jonathan King, Finisar

Greg LeCheminant, Agilent

Petar Pepeljugoski, IBM

John Petrilla, Avago Technologies

Mike Ressler, Hitachi Cable

Paul Vanderlaan, Nexans

CK Wong, FCI