

# MMF Ad Hoc meeting minutes

6<sup>th</sup> Nov 2013

Approved minutes  
recorded by jonathan king

# MMF ad hoc meeting minutes, 6<sup>th</sup> Nov. 2013

- **Meeting started** at 10 am Pacific, chaired by Jonathan King.
- **Attendee list** was taken from the Webex attendee list, 19 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**
- **Presentations:**
  - ‘Modal Noise in 100GBASE-SR4- update’ – Piers Dawe
- **Discussion:**
  - Piers presented work looking at the impact of lower ER on RIN, mode partition noise, modal noise, link penalties. Piers’ new work confirmed that modal noise penalty increases as approximately the square of the noise term, and that if we were scaling from the 0.3dB allowance in clause 52, then an additional 0.16dB would be needed to be allocated in the link budget. Piers gave several options for how that could be done. Jonathan asked what modal loss had been assumed. It was agreed that a study of the modal loss vs modal noise penalty would be worthwhile; Petar Pepeljugoski kindly offered to update his work on modal noise for 100GBASE-SR4 like applications.
- **Meeting ended** at 10.45 am.
- **Next meeting:** TBD, 9am to 10.30 am

# Attendees

Pete Anslow, Ciena

David Brown, Semtech

Matt Brown, Applied Micro

Piers Dawe, Mellanox

Dan Dove, independent

Mike Dudek, Qlogic

Moe Garcia, TI

Myles Kimmitt, Emulex

Jonathan King, Finisar

Brett Lane, Panduit

Ryan Latchman, Mindspeed

Dale Murray, Lightcounting

Petar Pepeljugoski, IBM

John Petrilla, Avago Technologies

Rick Pimpinella, Panduit

Mike Ressler, Hitachi Cable

Sam Sambasivan, ATT Labs

Bill Sherry, TI

Robert Wang, Intel