MMF Ad Hoc provisional agenda

8th Oct 2013

jonathan king

Agenda

- 9.00 am start (Pacific)
  - Note: Attendees names and affiliations will be taken from the Webex participants list. *If your employer and affiliation are different, please send an e-mail including the names of both.*
  - Reminder of IEEE patent policy
    - www.ieee802.org/3/patent.html
  - House keeping: Approve agenda; Approve minutes for MMF ad hoc meetings of 19th Sept 2013
  - Presentations
    - 'Topics for further study'- (see slide 4) - reminder of the list drawn up at the last ad hoc.
    - '100GBASE-SR4 link penalties vs ER: MNP, MPN, RIN ' – jonathan king, spreadsheet model estimates of the potential change in MNP, MPN, and RIN penalties, associated with a min ER spec of 2 dB.
  - Discussion
- 10.30 am meeting end

Webex meeting details for 8th Oct 2013

- Start time: 9.00 am (Pacific), 1.5 hour duration
- Meeting Number: 593 604 063
- Meeting Password: IEEE
- Conference Code: 980 513 6069

To join this meeting

1. Go to https://finisar.webex.com/finisar/j.php?J=593604063&PW=NZDFiZDU3N2Rj
2. If requested, enter your name and email address.
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Teleconference information

- Call-in toll-free number: 1-866-668-0721 (US)
- Show global numbers: https://www.tcconline.com/offSite/OffSiteController.jpf?cc=9805136069
- Conference Code: 980 513 6069

http://www.webex.com

- List of topics 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 due to spectral width – should it be removed ? *[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?
    - Worst case bound calculations, experiments