

# Approved minutes

## 40 Gb/s and 100 Gb/s Fiber Optic TF SMF Ad Hoc Teleconference 4 Dec 2012

Minutes taken by Pete Anslow, Ciena

The meeting started at 8:02 am Pacific chaired by Pete Anslow, the attendee list was taken from the Webex attendee list.

Documentation for the call can be found at the Ad Hoc web page:

<http://www.ieee802.org/3/bm/public/smfadhoc/meetings/index.html>

Pete reminded everyone of the IEEE patent policy (<http://www.ieee802.org/3/patent.html>) and asked if anyone was unfamiliar with it. No one responded.

Pete asked if anyone had any corrections to the draft minutes from the 30 October call. No one responded, so these minutes are approved by the Ad Hoc.

Pete asked if anyone had any objection to the draft agenda sent to the group reflector on 4 December. There were no objections.

### Presentation #1

Title: 100G PSM4 Link Model Results Comparison

By: John Petrilla, Avago Technologies

See petrilla\_01\_1212\_smf

Most of the discussion of petrilla\_01\_1212\_smf concerned the penalty due to reflections. This was shown as causing about 1 dB of penalty on page 9 due to the 12 dB Tx and Rx reflectances. Concerns were raised that this may not represent the worst case penalty due to the use of a Reflection Noise Factor in the spreadsheet of 0.6, and that the worst case penalty could be large enough to prevent acceptable link operation.

The meeting closed at 09:04 am Pacific.

Attendee list (taken from Webex attendee list)

Pete Anslow, Ciena

Dave Brown, Semtech

Derek Cassidy, BT

Stephen Docking, PMC-Sierra

Dan Dove, Applied Micro

Mike Dudek, Qlogic

Arash Farhood, Cortina

Galen Fromm, Cray

Hiroshi Hamano, Fujitsu

Jack Jewell, GreenVcsl

Jonathan King, Finisar  
Paul Kolesar, Commscope  
Robert Lingle, Jr., OFS  
Sharon Lutz, US Conec  
Dale Murray, Lightcounting  
Gary Nicholl, Cisco  
Carl Paquet, Teraxion  
John Petrilla, Avago Technologies  
Rick Rabinovich, Alcatel-Lucent  
Michael Ressler, Hitachi Cable

Kapil Shrikhande, Dell  
Ted Sprague, Infinera  
Tomoo Takahara, Fujitsu  
Toshiki Tanaka, Fujitsu  
Katsuhisa Tawa, Sumitomo Electric  
Ed Ulrichs, Source Photonics  
Alexander Umnov, Huawei  
Brian Welch, Luxtera  
zengli, Huawei