

# Approved minutes

## 40 Gb/s and 100 Gb/s Fiber Optic TF SMF Ad Hoc Teleconference 19 Feb 2013

Minutes taken by Pete Anslow, Ciena

The meeting started at 8:00 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 12 February 2013 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 19 February. There were no objections.

### Presentation #1

Title: 100Gb/s SMF PMDs

By: Chris Cole, Finisar

See cole\_01a\_0213\_smf

During the presentation of cole\_01a\_0213\_smf there was discussion of the equation at the foot of slide 8 not clearly representing the calculation method used. Chris agreed to update the presentation after the meeting as cole\_01b\_0213\_smf which will be posted on the SMF web page.

### Presentation #2

Title: Loss Budgeting for Single-mode Channels

By: Paul Kolesar, CommScope

See kolesar\_01\_0213\_smf

Commenting on the loss vs wavelength discussion from the previous week's call, Pete noted that the worst case loss in the PSM4 proposed wavelength range is at 1295 nm and if the loss at 1310 nm is 0.5 dB/km then at 1295 nm it should be 0.5 dB + the loss offset between 1310nm and 1295 nm. This is  $0.5 + 0.015 = 0.515$  dB/km or 0.26 dB for 500m.

Pete reminded the group that he will set up one further SMF Ad Hoc meeting on 5 Mar and cancel it if no presentations are requested.

The meeting closed at 9:58 am Pacific.

Attendee list (taken from Webex attendee list + Chris Cole)

Jon Anderson, Oclaro	Dale Murray, LightCounting
Pete Anslow, Ciena	Tom Palkert, Xilinx, Luxtera, Molex
Stephen Bates, PMC-Sierra	Randy Perrie, OneChip Photonics
Vipul Bhatt, Cisco	John Petrilla, Avago Technologies
Dave Brown, Semtech	Rick Rabinovich, Alcatel-Lucent
Wheling Cheng, Juniper	Michael Ressler, Hitachi Cable
Hsu-Feng Chou, Source Photonics	Sam Sambasiavn, AT&T
Chris Cole, Finisar	Tek-Ming Shen, Huawei
Piers Dawe, IPtronics	Kapil Shrikhande, Dell
Stephen Docking, PMC-Sierra	Jeff Slavick, Avago Technologies
Mike Dudek, Qlogic	Peter Stassar, Huawei
Arash Farhood, Cortina	Norm Swenson, ClariPhy
Galen Fromm, Cray	Andre Szczepanek, Inphi
Paul Goldgeier, ColorChip	Tomoo Takahara, Fujitsu
Mark Gustlin, Xilinx	Toshiki Tanaka, Fujitsu
Hiro Iwadate, SEI	Katsuhisa Tawa, Sumitomo Electric
Jonathan King, Finisar	Steve Trowbridge, Alcatel-Lucent
Keisuke Kojima, Mitsubishi Electric	Brian Welch, Luxtera
Paul Kolesar, Commscope	Yu Xu, Huawei
Greg D Le Cheminant, Agilent	Hiroki Yanagisawa, NEC America
Sharon Lutz, US Conec	Li Zeng, Huawei