

# Approved minutes

## 40 Gb/s and 100 Gb/s Fiber Optic TF SMF Ad Hoc Teleconference 12 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 5 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 12 February. There were no objections.

### Presentation #1

Title: 500 m SMF Objective Baseline Proposal

By: Jon Anderson

See anderson\_01\_0213\_smf

During the discussion of anderson\_01\_0213\_smf the authors were asked many questions. The main points that arose were:

- On page 6 the Maximum discrete reflectance is given as -12 dB. To be consistent with the “Comment”, this should be the reflectance within the link which is -55 dB. The issue of the viability of the specification “Transmitter and Receiver module connectors are at -12dB. In-line connectors are at -55dB” needs further exploration.
- The minimum transmit OMA requirements on page 9 show a -6 dBm OMA requirement for wavelengths in the range 1303 nm to 1317 nm irrespective of the value of TDP. This does not seem consistent with the informative receiver specification of -9.46 dBm (with no wavelength dependence) since there may only be  $-6 -3.2 = -9.2$  dBm OMA at the receiver input.
- A desire was expressed for more information on “Broad Market Acceptance of parallel SMF in data centers” above that shown on page 19.

Pete reminded the group that he will set up meetings for 19 Feb and 5 Mar and cancel them if no presentations are requested.

The meeting closed at 10:00 am Pacific.

Attendee list (taken from Webex attendee list)

Jon Anderson, Oclaro	Tom Palkert, Xilinx, Luxtera, Molex
Pete Anslow, Ciena	Randy Perrie, OneChip Photonics
David Chalupsky, Intel	John Petrilla, Avago Technologies
Hsu-Feng Chou, Source Photonics	Rick Rabinovich, Alcatel-Lucent
Chris Cole, Finisar	Michael Ressler, Hitachi Cable
Piers Dawe, IPtronics	Sam Sambasiavn, AT&T
Dan Dove, Applied Micro	Tek-Ming Shen, Huawei
Mike Dudek, Qlogic	Peter Stassar, Huawei
Jan Filip, Maxim	Andre Szczepanek, Inphi
Ali Ghiasi, Broadcom	Tomoo Takahara, Fujitsu
Mark Gustlin, Xilinx	Toshiki Tanaka, Fujitsu
Jack Jewell, GreenVcsl	Katsuhisa Tawa, Sumitomo Electric
Scott Kipp, Brocade	Nathan Tracy, TE Connectivity
Keisuke Kojima, Mitsubishi Electric	Steve Trowbridge, Alcatel-Lucent
Paul Kolesar, Commscope	Ed Ulrichs, Source Photonics
Sharon Lutz, US Conec	Brian Welch, Luxtera
Dale Murray, LightCounting	