

Approved minutes

P802.3bs 400 Gb/s Ethernet SMF Ad Hoc

Teleconference 28 April 2015

Minutes taken by Pete Anslow, Ciena

The meeting started at 7:32 am Pacific chaired by Pete Anslow, the attendee list was taken from the Webex attendee list plus any e-mail notifications of attendance.

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

<http://www.ieee802.org/3/bs/public/adhoc/smf/index.shtml>

Pete reminded everyone of the updated 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 objection or additions to the draft agenda. There were no objections.

Pete asked if anyone had any corrections to the draft minutes from the 24 February call. No one responded, so these minutes are approved by the Ad Hoc.

Presentation #1

Title: Big Ticket Item supporting data for 10km 8x50G NRZ

Presenter: Atsushi Takai, Oclaro

See takai_01_0415_smf

In response to questions during the presentation of takai_01_0415_smf, Atsushi stated that the bandwidth of the EML transmitter was between 38 and 40 GHz and the bandwidth of the receiver was 28 GHz. Atsushi also stated that it is intended to measure the penalty with -50 ps/nm of dispersion (-33 ps/nm being the largest negative dispersion measured in takai_01_0415_smf).

Presentation #2

Title: Modification proposal for 500m using 8x50G NRZ

Presenter: Atsushi Takai, Oclaro

See takai_02_0415_smf

During the presentation of takai_02_0415_smf the P802.3bs Chair, John D'Ambrosia, stated that he considered that these proposals were sufficiently different from those in cole_3bs_01a_1114 that this is a new proposal and therefore beyond the Task Force adopted timeline. There were also concerns raised as to whether the relative cost of the

bidirectional approach proposed is significantly cheaper than the two wavelength multiplexing scheme proposed in cole_3bs_01a_1114.

Presentation #3

Title: HOM papers from OFC 2015 potentially addressing BTI

Presenter: Ali Ghiasi, Ghiasi Quantum LLC

See ghiasi_01_0415_smf

During the presentation of ghiasi_01_0415_smf, it was noted that on page 8, “APD supply 27 dB” should be “APD supply 27 V” and it was requested to clarify whether the graphs on page 11 are inner or outer OMA. A revised version of the presentation ghiasi_01a_0415_smf was posted after the call.

The meeting closed at 9:05 am Pacific.

Attendee list (taken from Webex attendee list)

Pete Anslow, Ciena	Gary Nicholl, Cisco
Martin Bouda, Fujitsu	Haoli Qian, Credo Semiconductor
Frank Chang, Inphi	Rick Rabinovich, Alcatel-Lucent
John D'Ambrosia, Dell	R K Rannow, APIC
Piers Dawe, Mellanox	Salvatore Rotolo, STMicroelectronics
Mike Dudek, Qlogic	Sam Sambasivan, AT&T
Ali Ghiasi, Ghiasi Quantum LLC	Dan Sparacin, Aurrion
Kiyohisa Hiramoto, Oclaro	Peter Stassar, Huawei
Jeff Hutchins, Ranovus	Bharat Tailor, Gennum
Hideki Isono, Fujitsu	Atsushi Takai, Oclaro
Kenneth Jackson, Sumitomo	Toshiki Tanaka, Fujitsu
Jonathan King, Finisar	Frederick Tang, Broadcom
Scott Kipp, Brocade	Brian Teipen, Adva
Keisuke Kojima, Mitsubishi	Alan Tipper, Semtech
Paul Kolesar, CommScope	Nathan Tracy, TE Connectivity
David Law, HP	Stephen Trowbridge, Alcatel-Lucent
Greg LeCheminant, Keysight	Ed Ulrichs, Source Photonics
David Lewis, JDS Uniphase	Brian Welch, Luxtera
Andy Moorwood, Ericsson	Martin White, Cavium