

# Approved minutes

## P802.3bs 400 Gb/s Ethernet SMF Ad Hoc Teleconference 18 November 2014

Minutes taken by Pete Anslow, Ciena

The meeting started at 7:30 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 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 sent to the group reflector on 18 November. There were no objections.

Pete asked if anyone had any corrections to the draft minutes from the 14 October call. No one responded, so these minutes are approved by the Ad Hoc.

### Presentation #1

Title: Further thoughts and inputs on 400Gb/s Ethernet SMF PMDs

Presenter: Peter Stassar, Huawei

See stassar\_01\_1114\_smf

During discussion of the presentation, Peter was asked what mapping of the PRBS15 sequence to PAM4 symbols was used and what the RIN of the optical source was for the reported measurements. Peter responded that he will try to obtain this information.

### Presentation #2

Title: Performance Results: High Gain FEC over DMT

Presenter: David Lewis, JDSU

See corbeil\_01\_1114\_smf

During the presentation, it was pointed out that the FEC code used in the experiment used interleaving to achieve very high burst tolerance with a consequent increase in latency. Pete pointed out that while it is within the mandate of the SMF Ad Hoc to discuss “how the SMF proposals may impact other aspects ... such as ... FEC”, discussion of the tradeoff between burst tolerance and latency of the adopted FEC scheme is appropriate for the Logic Ad Hoc.

Pete also reminded the group that the Task Force adopted schedule has the milestone for adopting baselines to meet the SMF objectives in the January meeting.

The meeting closed at 8:50 am Pacific.

Attendee list (taken from Webex attendee list)

Pete Anslow, Ciena	Paul Mooney, Spirent
William Bliss, Broadcom	Dale Murray, LightCounting
Martin Bouda, Fujitsu	Gary Nicholl, Cisco
David Brown, Semtech	Rick Rabinovich, Alcatel-Lucent
Matthew Brown, Applied Micro (AMCC)	R K Rannow, APIC
Chris Cole, Finisar	Ram Rao, Oclaro
Dan Dove, Huawei	Salvatore Rotolo, STMicroelectronics
Mike Dudek, Qlogic	Itaru Sakabe, Sumitomo
Chad Erven, Semtech	Sam Sambasivan, AT&T
Ali Ghiasi, Ghiasi Quantum LLC	Dan Sparacin, Aurrion
Joel Goergen, Cisco	Peter Stassar, Huawei
Mark Gustlin, Xilinx	Tomoo Takahara, Fujitsu
Hideki Isono, Fujitsu	Toshiki Tanaka, Fujitsu
Kenneth Jackson, Sumitomo	Alan Tipper, Semtech
Keisuke Kojima, Mitsubishi	Nathan Tracy, TE Connectivity
Paul Kolesar, CommScope	Stephen Trowbridge, Alcatel-Lucent
David Law, HP	Alexander Umnov, Fujitsu
David Lewis, JDS Uniphase	Xinyuan Wang, Huawei
Jeffery Maki, Juniper	Zhongfeng Wang, Broadcom
Beck Mason, JDSU	Yangjing Wen, Huawei
Marco Mazzini, Cisco	Yu Xu, Huawei
Thomas McDermott, Fujitsu	