

Approved minutes

P802.3bs 400 Gb/s Ethernet SMF Ad Hoc Teleconference 16 February 2016

Minutes taken by Pete Anslow, Ciena

The meeting started at 9:02 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. There was no response, so the agenda was approved by the Ad Hoc.

Pete asked if anyone had any corrections to the draft minutes from the 2 February 2016 call. No one responded, so these minutes were approved by the Ad Hoc.

Presentation #1

Title: IEEE Update: MPO-16 APC
Presenter: Tom Mitcheltree, US Conec
See mitcheltree_01_0216_smf

Presentation #2

Title: Fiber optic cabling models for 400G SMF PMDs
Presenter: Gary Nicholl, Cisco
See nicholl_01_0216_smf

Presentation #3

Title: SMF TBDs
Presenter: Pete Anslow, Ciena
See anslow_02_0216_smf

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Regarding the reflection budget straw man proposal for 400GBASE-DR4, views were expressed that there is not sufficient need to be able to tolerate four -35 dB connectors to warrant allocating 0.3 dB penalty in the budget. Pete said he would re-run the spreadsheet with four -45 dB connectors and also with four -45 dB connectors and four -55 dB connectors as this would be expected to incur only a small penalty.

Pages 7 and 9

Pete asked for input on how to modify the optical budgets for 400GBASE-FR8 and 400GBASE-LR4 to accommodate the 0.5 dB and 0.6 dB MPI penalty, respectively.

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Pete asked whether reflectances of -35 dB for the Tx and Rx with a penalty of 0.2 dB would be preferable.

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A discussion on the location of the 2 UI sample within the 7 threes concluded that the central 2 UI was the best choice.

Pete reminded the meeting that there will be one more SMF Ad Hoc meeting opportunity on Tuesday 1 March at 8:00 am Pacific.

The meeting closed at 11:05 am Pacific.

Attendee list (taken from Webex attendee list)

Pete Anslow, Ciena

Vipul Bhatt, Inphi

Derek Cassidy, BT (Affiliation ICRG)

Piers Dawe, Mellanox

Mike Dudek, Qlogic

Upen Kareti, Cisco

Keisuke Kojima, Mitsubishi

Paul Kolesar, CommScope

David Lewis, Lumentum

Hai-Feng Liu, Intel

Jeffery Maki, Juniper

Marco Mazzini, Cisco

Thomas McDermott, Fujitsu

Tom Mitcheltree, US Conec

Gary Nicholl, Cisco

Mark Nowell, Cisco

R K Rannow, APIC

Kapil Shrikhande, Dell

Peter Stassar, Huawei

Steve Swanson, Corning

Andre Szczepanek, Inphi

Ed Ulrichs, Source Photonics

Martin White, Cavium