

Approved minutes P802.3bs 400 Gb/s Ethernet Electrical Ad Hoc Teleconference 20th February 2017

Minutes taken by Andre Szczepanek, Inphi

The meeting started at 8:10 am Pacific chaired by Andre Szczepanek, 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/elect/index.shtml>

Andre 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.

Andre presented the IEEE participation Foil.

Andre asked if anyone had any objection or additions to the draft agenda. No one responded, so this agenda was approved by the Ad Hoc.

Andre asked if anyone had any objection or additions to the draft minutes from the 6th February 2017 call. No one responded, so the minutes were approved by the Ad Hoc.

Presentation #1

Title: Electrical Interface Ad Hoc Opening/Agenda

Presenter: Andre Szczepanek, Inphi

http://www.ieee802.org/3/bs/public/adhoc/elect/20Feb_17/szczepanek_01_022017_elect.pdf

Presentation #2

Title: Updated 50G PAM4 C2M Simulations

Presenter: Ali Ghiasi, Ghiasi Quantum LLC

http://www.ieee802.org/3/bs/public/adhoc/elect/20Feb_17/ghiasi_01_022017_elect.pdf

Ali presented new simulations with results including the Yamaichi QSFP28 connector that has significantly lower crosstalk than the limits defined in Clause 92.

There was considerable debate on how to deal with the crosstalk discrepancy in the current C2M draft. Andre announced that he would hold a straw poll on the 3 options given in the summary slide of the presentation, and another option based on reducing both connector crosstalk and receiver VEO.

Andre announced that there would be an additional ad hoc meeting opportunity on the 6th of March. An updated webex invitation will be sent out.

The meeting adjourned at 9:40am Pacific.

Attendee list (taken from Webex attendee list)

Andre Szczepanek	Inphi
Pete Anslow	Ciena
Ali Ghiasi	Independent
Megha Shanbhag	TE
Piers Dawe	Mellanox
John Ewen	Global Foundries
Takishi Nish	YEU
Aananda Kumar	MaxLinear
Marco Mazzini	Cisco
Tom Palkert	VISI
Raymon Nering	Cisco
Charles Moore	Charles Moore Consulting
Toshiaki Sakai	Socionext
Upen Kareti	Cisco
Rajmohan Hegde	Broadcom
Phil Sun	Credo
Mark Kimber	Semtech
Rajesh Radhamohan	Maxlinear
Gary Nicholl	Cisco
Will Bliss	Broadcom
Sam Sambasivan	AT&T
David Piehler	Dell
David Malicoat	Dell
James Fife	etopus
Gianpiero Bognanni	Cisco
Richard Mellitz	Samtec