

Approved minutes P802.3bs 400 Gb/s Ethernet Electrical Ad Hoc Teleconference 3rd October 2016

Minutes taken by Andre Szczepanek, Inphi

The meeting started at 8:05 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 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 corrections to the draft minutes from the 29th August 2016 call. No one responded, so these minutes are 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/03Oct_16/szczepanek_01_100316_elect.pdf

Presentation #2

Title: Accounting for uncontrolled ISI in SNDR measurements

Presenter: Richard Mellitz, Samtec

http://www.ieee802.org/3/bs/public/adhoc/elect/03Oct_16/mellitz_01_100316_elect.pdf

Richard will build consensus off-line on this subject. Anyone interested in participating should contact him.

Presentation #3

Title: Jitter Test Methods for 200GAUI-4 and 400GAUI-8

Presenter: Yasuo Hidaka, Fujitsu

http://www.ieee802.org/3/bs/public/adhoc/elect/03Oct_16/hidakai_01_100316_elect.pdf

The method proposed by Yasuo uses specific isolated edges in a PRBS13Q pattern to measure jitter, but is otherwise similar to the method proposed by Piers Dawe. There was extensive discussion on the pro's and con's of the two methods.

Piers, when asked, agreed that Yasuo's proposal although not as good as his own was better than the existing method.

There was a short discussion on how EOJ should be measured if this change goes ahead, which ran out of time. Andre indicated there would be a follow up meeting on the 10th of December to continue discussion.

The meeting adjourned at 10:00 am Pacific.

Attendee list (taken from Webex attendee list)

Andre Szczepanek	inphi
Yasuo Hidaka	Fujitsu
Richard Mellitz	Samtec
Rick Rabinovich	Ixia
Piers Dawe	Mellanox
Scott Summers	Molex
Steven Didde	Keysight
Andy Zambell	Amphenol FCI
Raj Hegde	Broadcom
David Malicoat	HPE
Adam Healey	Broadcom
Mike Dudek	Qlogic
Greg LeCheminant	Keysight
Rita Horner	Synopsys
Aanand Kumar	MaxLinear
Reymond Nering	Cisco
Vital Balasubramani	Dell
Marco Mazzini	Cisco
Phil Sun	Credo
Kumaran Krishnasamy	Broadcom
David Piehler	Dell
Murali Padaparambil	Broadcom
Anand A	Unknown