

Joint IEEE P802.3cd and P802.3bs Electrical Track Ad Hoc meeting – June 21, 2017

Prepared by Kent Lusted

Proposed Agenda:

- Approval of the Agenda
- Approval of the June 14 minutes
- IEEE patent policy reminder:
 - <http://www.ieee802.org/3/patent.html>
- IEEE Participation Requirements reminder
- P802.3cd TF Ad Hoc –
 - P802.3cd Task Force Update, Mark Nowell (10 min)
 - “C2C Precode and TxEq hand shaking”, Jeff Slavick (30 mins)
 - “PMD Link Training issues”, Jeff Slavick (30 min)
- P802.3cd & P802.3bs Electrical common topics
 - “Open Electrical Issues”, Piers Dawe (20 mins)

Presentations posted at: <http://www.ieee802.org/3/cd/public/adhoc/archive/index.html>

Meeting began at ~8:05 a.m. Pacific by Kent Lusted.

Meeting began with the agenda presentation:

http://www.ieee802.org/3/cd/public/adhoc/archive/agenda_062117_3cd_adhoc.pdf

The ad hoc chair reminded participants that these P802.3cd ad hoc meetings until the July Plenary will be joint with the P802.3bs Electrical Track due to commonality of topics around COM. He reviewed the Attendance information related to the ad hoc. He reminded participants to indicate full names and employer/affiliation correctly for the meeting minutes. He reminded participants to mute lines when not speaking and reviewed the steps to unmute.

Showed the links to the IEEE P802.3cd Task Force ad hoc page and the email reflector.

Presented the proposed agenda and asked if there was objection as written. The agenda was approved by the ad hoc.

Asked if there were comments regarding the posted minutes of the last ad hoc meeting. No one responded.

Reminded participants of the IEEE patent policy. He asked if anyone was unfamiliar with the IEEE patent policy. No one responded.

Reminded participants of the IEEE Participation Requirements and showed the slide with the Participation requirements. He asked if anyone was unfamiliar with the IEEE Participation Requirements. No one responded.

Agenda Items

P802.3cd Task Force Update, Mark Nowell:

- First Working Group ballot. Draft 2.0 ballot is open. Closes June 25, 2017 (this is a Sunday).
- Next Task Force meeting is the week of July 10, 2017 in Berlin, Germany. Task Force will meet on Tuesday, Wednesday, and Thursday of that week. Start no later than 1pm on Tuesday but will start after the 802.3bs TF concludes its work.
- Presentation requests due 30 June, 2017. Presentations due 5 July, 2017 which is later than usual due to July 4th holiday in US.

Presentation #1:

“C2C Precode and TxEq hand shaking”, Jeff Slavick

See: http://www.ieee802.org/3/cd/public/adhoc/archive/slavick_062116_3cd_01_adhoc.pdf

- Discussed the precoder request control by management. There is a reference in Clause 135D.
- The receiver precoder state is controlled by a different MDIO register.

Presentation #2:

“PMD Link Training issues”, Jeff Slavick

See: http://www.ieee802.org/3/cd/public/adhoc/archive/slavick_062116_3cd_02_adhoc.pdf

- Discussed the option to make the encoding mapping explicit.
- Considered added pseudo-code for tp_mode

Presentation #3:

“Open Electrical Issues”, Piers Dawe

See: http://www.ieee802.org/3/cd/public/adhoc/archive/dawe_062117_3cd_adhoc.pdf

- Steve Sekel indicated that he had additional items to add to the list. Mark Nowell and Pete Anslow outlined the process for submitting comments against an IEEE 802.3 draft.

*** A free drink to the first person to let the Task Force Chair know they've read this ***

The ad hoc meeting ended at ~10 a.m. Pacific.

List of attendees (captured from Webex tool)

Brian Welch	luxtera
Nathan Tracy	te
Oded Wertheim	mellanox
Dale Murray	lightcounting
TAO HU	cavium
rohan gandhi	macom
Ed Ulrichs	sourcephotonics
martin white	cavium
Mark Kimber	semtech
John D'Ambrosia	ieee.org
Peter Anslow	ciena
Robert Sleigh	keysight
Drew Guckenberger	luxtera
Jaclyn Dang	cisco
John Nelson	arista
Upen Reddy	cisco
Geoff Zhang	xilinx
kent lusted	intel
Piers Dawe	mellanox
Andre Szczepanek	hszconsulting
Mike Dudek	cavium
Yasuo Hidaka	us.fujitsu
Mark Nowell	cisco
Raj Hegde	broadcom
T.SAKAI	socionext
Howard Heck	intel
Ali Ghiasi	ghiasiquantum
aanandakumar	maxlinear
Adam Healey	broadcom
Robert Sleigh	keysight
Frank Lambrecht	Gigamon
John Dillard	microsemi
Ken Jackson	sei-device
Adee Ran	intel
Rick Rabinovich	ixiacom
Vittal Balasubramanian	innovium

Oded Wertheim	mellanox
Upen Kareti	cisco
Marco Mazzini	cisco
Raymond Nering	cisco
Jason Ellison	siemon
Stephen Didde	keysight
Ali Ghiasi	Quantum Ghiasi
Tom Palkert	Molex
Jeff Slavick	broadcom
Takeshi Nish	yeu
Zvi Rechtman	mellanox
Pavel	tek
gary nicholl	cisco
David Malicoat	Senko
Phil Sun	credosemi
Megha Shanbhag	te
Frank Chang	inphi
Kumaran Krishnasamy	broadcom
Steve Sekel	keysight
Greg LeCheminant	keysight
Chris Borrelli	xilinx
Weiyang Cheng	coriant
Will Bliss	broadcom
scott sommers	molex
dave penkler	hpe
Rita Horner	synopsys
Paul Kolesar	commscope
Jeffery Maki	juniper.net
Jenny March	de.fe
Gary Burrell	elenion
Greg LeCheminant	keysight
Jitendra Swarnkar	inphi
Mark Gustlin	xilinx
Alex Levin	microsoft
Charles Moore	frii
Tom McDermott	us.fujitsu
Matt Brown	macom
David Law	HPE
bill kirkland	semtech

Martin Miller	teledynelecroy
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