

IEEE P802.3cd Ad Hoc meeting – December 20, 2017

Prepared by Kent Lusted

Proposed Agenda:

- Approval of the Agenda
- Approval of the Dec 6 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
 - “50 Gb/s PAM4 VCSEL results”, Jonathan King
 - “Observations of ERL analysis”, Beth Kochuparambil and Upen Reddy Kareti

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_122017_3cd_adhoc.pdf

The ad hoc chair 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

- Ballot closed on Friday. Met all the criteria. 175 comments. 70 comments are considered “must be satisfied”.
- Comments are posted on the website. (See: <http://www.ieee802.org/3/cd/comments/index.html>)
- Editorial team is starting to classify the comments into harder, easier, and trivial.
- Meeting at January 2018 interim, week of Jan 22. Plan to address comments and generate D3.1
- Presentation requests are due January 12, 2018. Presentation deadline is January 16, 2018.
- Chair noted that they are trying to minimize overlap with the other Study Groups and Task Forces meeting times. Please be aware that meetings may have variable start times so one group can start when another finishes – please consider when booking your travel.
- There is a joint IEEE/ITU workshop on Saturday, January 27, 2018. High level agenda is available at <https://www.itu.int/en/ITU-T/Workshops-and-Seminars/20180127/Pages/default.aspx>
- Kent noted that the Dec 27, 2017 ad hoc call has already been cancelled as announced over the reflector.

Presentation #1:

“50 Gb/s PAM4 VCSEL results”, Jonathan King

See: http://www.ieee802.org/3/cd/public/adhoc/archive/king_122017_3cd_adhoc.pdf

- It was noted that the transmitter may have more margin than originally anticipated.
- The data on slide 3 has unequalised data on the left and equalized data on the right.

Presentation #2:

“Observations of ERL analysis”, Beth Kochuparambil and Upen Reddy Kareti

See: http://www.ieee802.org/3/cd/public/adhoc/archive/kochuparambil_122017_3cd_adhoc-v2.pdf

- Discussed a normative Return Loss specification vs. ERL.
- Discussed possible changes to the package to make it less of a worst case.

Mark Nowell noted that the January 2018 interim schedule was just announced by Steve Carlson over the IEEE 802.3 DIALOG email reflector.

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

The ad hoc meeting ended at ~9 a.m. Pacific.

List of attendees (captured from Webex tool)

Name	Company
Adam Healey	broadcom.com
Adee Ran	intel.com
Adrian Butter	globalfoundries
Adrian Young	leviton.com
Alex Haser (Molex)	molex.com
Alexander Rysin	mellanox.com
Ali Ghiasi	gmail.com
Arthur Marris	cadence.com
Benjamin Taub	mellanox.com
Beth Kochuparambil	cisco.com
bill Kirkland	semtech.com
Dave	marvell.com
Dave Lewis (Lumentum)	lumentum.com
David Chen	ao-inc.com
David Ofelt	juniper.net
Ed Frlan (Semtech)	semtech.com
Frank	n/a
Frank Chang	inphi.com
Gary Nicholl	cisco.com
Greg LeCheminant	keysight.com
Howard Heck	intel.com
Jacky Chang	hpe.com
Jeffery Maki	juniper.net
John Ewen	globalfoundries
Jonathan King	finisar.com
Karen Liu	kaiam.com
Ken Jackson (Sumitomo)	sei-device.com
Kent Lusted	intel.com
Kumaran Krishnasamy	broadcom.com
Mark Kimber (Semtech)	semtech.com
Mark Nowell	cisco.com
Matt Brown	macom.com
Megha	te.com
Nathan Tracy (TE)	te.com
Pavel	tek.com
Peter Jones	cisco.com
peter stassar	huawei.com
Phil Sun	credosemi.com

Piers	mellanox.com
Rajmohan Hegde	broadcom.com
RICHARD MELLITZ	samtec.com
Rick Rabinovich	ixiacom.com
Stephen Didde (Keysight)	keysight.com
Steve Sekel	keysight.com
T.SAKAI	socionext.com
Ted Sprague	infinera.com
Upen Kareti	cisco.com
Vittal Balasubramanian	innovium.com
will bliss	broadcom.com
Yang Zhiwei	zte.com.cn
Yasuo Hidaka (Independent)	n/a