

IEEE P802.3cd Ad Hoc meeting – February 21, 2018

Prepared by Kent Lusted

Proposed Agenda:

- Approve agenda
- Approve 14 February 2018 ad hoc minutes
- Patent reminder
 - <http://www.ieee802.org/3/patent.html>
- Participant reminder
- P802.3cd TF
 - TF update - Mark Nowell (5 mins)
 - “ERL Results for Host Backplanes”, Howard Heck (20 min)
 - “ERL Update”, Rich Mellitz (25 mins)
 - “Can ERL replace SNRisi for 50GBASE-CR?”, Mike Dudek (35 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_022118_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

- Sponsor Ballot D3.1 recirculation is open. Close on 22 February, 2018.
- Presentation requests for the plenary meeting are due February 23, 2018. Presentations are due February 27, 2018. See: <http://www.ieee802.org/3/cd/email/msg00411.html>
- Task Force plans to meet Monday and Tuesday during the Plenary meeting (week of 4 March, 2018). There will be an interim meeting immediately before the opening plenary (8-10 a.m. local time).
- There will be tracks during comment resolution.

Presentation #1:

“ERL Results for Host Backplanes”, Howard Heck

See: http://www.ieee802.org/3/cd/public/adhoc/archive/heck_022118_3cd_adhoc.pdf

- On slide 5, there was a recommendation to change RL peak value to be margin to spec.
- Discussed the DFE and FFE assumptions in the presentation.
- Reviewed the summary of ERL results mapped to COM and RL.

Presentation #2:

“ERL Update”, Rich Mellitz

See: http://www.ieee802.org/3/cd/public/adhoc/archive/mellitz_022118_3cd_adhoc.pdf

- Discussed the recommendation on ERLmin on slide 13.
- The chart on slide 15 refers to ERL host value.

Presentation #3:

“Can ERL replace SNRisi for 50GBASE-CR?”, Mike Dudek

See: http://www.ieee802.org/3/cd/public/adhoc/archive/dudek_022118_3cd_adhoc.pdf

- On slide 6, the Cb is not included in the host.
- There was a request for the COM 2.2.4 to be made more obvious on the website.

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

The ad hoc meeting ended at ~9:30 a.m. Pacific.

List of attendees (captured from Webex tool)

Adee Ran	intel.com
Adrian Young	leviton.com
Alex	microsoft.com
Alex Haser (Molex)	molex.com
Alexander Rysin	mellanox.com
Ali Ghiasi	n/a
Andrew Kim (Spectra7)	spectra7.com
Andy Zambell	n/a
Arturo (TE)	te.com
Beth Kochuparambil	cisco.com
Burrell	samtec.com
Chien-Ping Kao	intel.com
Christopher DiMinico	n/a
David Chen	ao-inc.com
David Malicoat (Senko)	Senko
David Piehler [Dell EMC]	dell.com
Ed Frlan	semtech.com
ERDEM MATOGLU	amphenol-tcs.co
Fernando De Bernardinis (eSilicon)	esilicon.com
Frank Chang	inphi.com
Gary Nicholl	cisco.com
Gianpiero Bognanni	sourcephotonics
Greg LeCheminant	keysight.com
Hai-Feng Liu	intel.com
Howard Heck	intel.com
Jason Ellison (AICC)	fci.com
Jeffery Maki	juniper.net
Joel Meyers	te.com
John Ewen	globalfoundries
Karen	kaiam.com
Kent Lusted	intel.com
Kumaran Krishnasamy	broadcom.com
Marco Mazzini	cisco.com
Mark Kimber (Semtech)	semtech.com
Mark Nowell	cisco.com
martin white	cavium.com
Matt Brown	macom.com
Megha Shanbhag	te.com
Michelle	cisco.com
Mike Dudek	cavium.com

Nathan Tracy (TE)	te.com
Paul Kolesar	commscope.com
Peter	aquantia.com
Phil Sun	credosemi.com
Piers	mellanox.com
Rajmohan Hegde	broadcom.com
RICHARD MELLITZ	samtec.com
Rick Rabinovich	ixiacom.com
Toshiaki Sakai (Socionext)	socionext.com
Scott Sommers	molex.com
Stephen Didde	keysight.com
Steve Sekel (Keysight Technologies)	keysight.com
Steve Trowbridge	nokia.com
TAO HU	cavium.com
Thang Pham	finisar.com
Tom Palkert	visi.com
Upen Kareti	cisco.com
Val Zomorrodian	ao-inc.com
Vittal Balasubramanian	innovium.com
Will Bliss	broadcom.com
Yasuo Hidaka (Independent)	n/a