

IEEE P802.3cd Ad Hoc meeting – December 6, 2017

Prepared by Kent Lusted

Proposed Agenda:

- Approval of the Agenda
- Approval of the Nov 29 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
 - “802.3cd: proposed change in TDECQ method and reference receiver equalizer”, Matt Traverso
 - “Moving Forward with ERL”, Rich Mellitz

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_120617_3cd_adhoc-v2.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. Adee Ran adjusted the title of his presentation. 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

- Initial Sponsor Ballot is still open until Dec 15, 2017. Participants are encouraged to submit comments. Not yet met the participation requirement.
- For those not part of the Sponsor Pool that would like to submit a comment, this is possible but with an earlier deadline of Dec 11th. Send comments to Mark Nowell and Matt Brown.
- Participants are encouraged to build consensus offline and thru the adhoc meetings.
- Meeting at January 2018 interim, week of Jan 22. Plan to address comments and generate D3.1
- 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.
- Kent announced that the Dec 13, 2017 ad hoc call will be cancelled.

Presentation #1:

“802.3cd: proposed change in TDECQ method and reference receiver equalizer”, Matt Traverso

See: http://www.ieee802.org/3/cd/public/adhoc/archive/mazzini_120617_3cd_adhoc-v2.pdf

- On slide 6, it was noted that the phase was not adjusted.
- The reference receiver used for the presentation is 2 pre and 2 post T-spaced taps, with the main tap in the middle (see slide 11). Discussed that the standard allows the main cursor to be placed anywhere among the 5 taps.
- The pattern for the test was PRBS20, not SSPRQ. SSPRQ is not yet available in the contributors’ lab.
- It was noted that the addition of threshold adjustment to TDECQ will impact the SRS test and needs to be considered as well.

Presentation #2:

“Moving Forward with ERL”, Rich Mellitz

See: http://www.ieee802.org/3/cd/public/adhoc/archive/mellitz_120617_3cd_adhoc.pdf

- Participants that want to join the offline meetings should contact Rich via email.
- It was noted that the reference receiver does not have a DFE.
- Chair noted that the presentation proposes a substantial change to the document and it would be best to introduce in initial ballot.
- Rich will announce a series of meetings over the reflector to explore the details of the ERL proposal.

*** 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
Abhijeet Ardey	sourcephotronics
Adam Healey	broadcom
Adee Ran	intel
Alex Haser	molex
Alexander Rysin	mellanox
Ali Ghiasi	huawei
Andre Szczepanek	hszconsulting
Dave	marvell
David Malicoat	senko
Derek Cassidy	bt
Ed Frlan	semtech
Ed Ulrichs	sourcephotronics
Flavio Marques	furukawaelectri
Frank Chang	inphi
Gary Nicholl	cisco
Hai-Feng Liu	intel
Jeff Slavick	broadcom
Jeff Twombly	credosemi
jonathan	finisar
Kapil Shrikhande	innovium
Karen Liu	kaiam
Kent Lusted	intel
Kumaran Krishnasamy	broadcom
Marco Vitali	sicoya
Mark Kimber	semtech
Mark Nowell	cisco
martin white	cavium
Matt Traverso	cisco
Megha Shanbhag	te
Pavel	tektronix
Peter Anslow	ciena
peter stassar	huawei
Phil Sun	credosemi
Raj Hegde	broadcom
RICHARD MELLITZ	samtec
Rick Rabinovich	ixia
Stephen Didde	keysight

Steve Sekel	keysight
Steve Trowbridge	nokia
T.SAKAI	socionext
Tom Issenhuth	independent
Will Bliss	broadcom
Yasuo Hidaka	independent