IEEE P802.3cd Ad Hoc meeting –
April 11, 2018

Prepared by Mark Nowell

Proposed Agenda:

- Approve agenda
- Approve 4 Apr 2018 ad hoc minutes
- Patent reminder
  - http://www.ieee802.org/3/patent.html
- Participant reminder
- P802.3cd TF
  - TF update - Mark Nowell (5 mins)
  - "Refining TDECQ (continued)" – Piers Dawe (25 mins)
  - "SECQ versus threshold adjustment: some eye compression cases", Marco Mazzini (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 Mark Nowell.

Meeting began with the agenda presentation:
http://www.ieee802.org/3/cd/public/adhoc/archive/agenda_041118_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. The minutes were approved by the ad hoc.

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

- Draft 3.2 is posted to the website (see: http://www.ieee802.org/3/cd/private/). Aponsor Recirculation ballot will next week.
- TF will meet at the May interim on Tuesday and Wednesday; week of May 21, 2018.
- Meeting announcement has been sent out. Presentation request deadline is Friday May 11th. Presentation submittal deadline is Tues May 15th.

Presentation #1:
"Refining TDECQ (continued)", Piers Dawe
See: http://www.ieee802.org/3/cd/public/adhoc/archive/dawe_041118_3cd_adhoc.pdf

- Presented analysis of transmitter and receiver parametric trade-offs
- Identified areas not constrained by the current spec that may want to be constrained
- Proposed some potential changes to spec.

Presentation #2:
"SECQ versus threshold adjustment: some eye compression cases", Marco Mazzini
See: http://www.ieee802.org/3/cd/public/adhoc/archive/mazzini_041118_3cd_adhoc.pdf

- Presented analysis of SECQ measurements with differing eye compression cases against the impact of adding threshold adjustment to TDECQ methodology
- Concluded that changes to SECQ of ~0.4dB could be possible due to the 1% threshold adjustment that was adopted. Would apply to TDECQ too.
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*** A free drink to the first person to let the Task Force Chair know they've read this ***

The ad hoc meeting ended at ~9:00 a.m. Pacific.

List of attendees (captured from Webex tool)

Steve Trowbridge	nokia
Mark Nowell	cisco
Greg LeCheminant	keysight
Kenneth Jackson	sei-device
Peter Anslow	ciena
Marco Mazzini	cisco
Tom Palkert	visi
Salvatore Rotolo	st
Jeff Slavick	broadcom
Gary Nicholl	cisco
Piers Dawe	mellanox
Phil Sun	credosemi
Tao Hu	cavium
Jeffery Maki	juniper.net
Adam Healey	broadcom
Chien-Ping Kao	intel
Steve Sekel (Keysight)	keysight
Mark Kimber (Semtech)	semtech
Bill Kirkland	semtech
Gianpiero Bognanni	sourcephotonics
Vittal Balasubramanian	innovium
Frank Chang	Inphi
Mike Dudek	cavium
Kumaran Krishnasamy	broadcom
Jonathan King	finisar
David Malicoat	gmail
Matt Brown	macom
Jane Lim	cisco
Rajmohan Hegde	broadcom
Stephen Didde	keysight
Upen Kareti	cisco
Karen Liu	kaiam
Pirooz Tooyserkani	cisco
Nathan Tracy (TE)	te
Scott Schube	intel