

IEEE P802.3cu Task Force Ad Hoc meeting – Jan 8th, 2020

Prepared by Mark Nowell

Proposed Agenda:

- Approve agenda
- Approve previous ad hoc minutes
- Patent reminder
- <http://www.ieee802.org/3/patent.html>
- Participant reminder
 - “Task Force Update” – Mark Nowell (5 mins)
 - “802.3cu D1.1 Spec Proposed TX Changes” – Chris Cole (25 mins)

Presentations posted at:

http://www.ieee802.org/3/cu/public/cu_adhoc/cu_archive/index.html

Meeting began at ~8:05 a.m. Pacific

Meeting began with the agenda presentation:

http://www.ieee802.org/3/cu/public/cu_adhoc/cu_archive/agenda_3cu_adhoc_010820.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 802.3cu 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.

Chair asked if there were any changes needed to the minutes from the last meeting that were posted. 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 SA Copyright Policy and showed the slide with the Copyright Policy. Chair asked if anyone was unfamiliar with the IEEE SA Copyright Policy. No one responded.

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

Agenda Items

P802.3cu Task Force update, Mark Nowell

Draft update:

- D1.1 comments and proposed responses posted
- <http://www.ieee802.org/3/cu/comments/index.html>

The next Task Force F2F meeting will be during Jan interim:

- <http://www.ieee802.org/3/interims/index.html>
- Presentation request deadline Friday Jan 10th. Submission deadline Tues Jan 14th.
- P802.3cu TF will meet all-day on Mon Jan 20th all day.
 - Start time will be 9am
 - ITU registration desks open @ 8:30am. Can be busy first thing.
- WG approval to move to WG Ballot to happen on Thursday evening's 802.3 WG meeting
- Registration info has been sent to the reflector.
<http://www.ieee802.org/3/cu/email/msg00148.html>

Presentation #1: "802.3cu D1.1 Spec Proposed TX Changes" – Chris Cole

See: http://www.ieee802.org/3/cu/public/cu_adhoc/cu_archive/cole_3cu_adhoc_010820_v2.pdf

- Presentation updated to v2 after meeting to correct observed mistakes and add clarifying setup information
- Presented Tx data in support of submitted comments
- Presented effects of overshoot on link status. Higher overshoot was shown to impact link performance
- Clarification that the eye diagrams on pages 2, 3, & 4 were all captured with a short fiber
- Typo on Slide 5 (TDECQ not TEDECQ)
- Presented some 5-corner transmitter test results for 400GBASE-LR8 module. Highlighted lack of correlation between Ceq and Overshoot
- Clarified that TDECQ testing done with maximum dispersion in link per TDECQ specification
- Presented justification of inclusion on TECQ parameter and proposed limit of 3dB to ensure interoperability across all reaches. TECQ inclusion could prevent interop issues at shorter reaches.

The ad hoc meeting ended at ~9:10a.m. Pacific.

List of attendees (captured from Webex tool)

Greg LeCheminant	keysight
David Piehler	dell
Mike Dudek	marvell
Ali Ghiasi	Ghiasi Quantum
David Chen	ao-inc
Raymond Nering	cisco
Jeffery Maki	juniper
Eric Maniloff	ciena
Peter Stassar	huawei
BRIAN WELCH	cisco
david malicoat	independent
Ken Jackson	sei-device
Gary Burrell	elenion
Steve Trowbridge	nokia
Massimo Sorbara	globalfoundries
Leon Bruckman	huawei
Chris Cole	finisar
roberto rodes	finisar
Ruoxu Wang	hisilicon
Mark Kimber	semtech
Vince Ferretti	corning
Thang Pham	facebook
Shimon Muller	axalume
Frank Chang	Source photonics
Mark Nowell	cisco
inho kim	marvell
Karen Liu	lightwavelogic
Dave Lewis	lumentum
Matt Brown	Huawei
Ruoxu Wang	hisilicon
Gary Nicholl	cisco