

IEEE P802.3cu Task Force Ad Hoc meeting – June 19, 2019

Prepared by Mark Nowell

Proposed Agenda:

- Approve agenda
- Approve previous ad hoc minutes
- Patent reminder
- <http://www.ieee802.org/3/patent.html>
- Participant reminder
- P802.3cu Task Force Ad hoc:
 - “Task Force Update” – Mark Nowell (5 mins)
 - “Proposed Revisions to 100GBASE-LR Baseline Proposal” – Brian Welch (15 mins)
 - “400GBASE-LR4 Baseline Proposal” – David Lewis (20 mins)

Presentations posted at:

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

Meeting began at ~8:00 a.m. Pacific

Meeting began with the agenda presentation:

http://www.ieee802.org/3/cu/public/cu_adhoc/cu_archive/agenda_3cu_adhoc_061919_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 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. One typo mentioned. Chair asked if there was any objection to approving the minutes with the typo corrected. 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. Chair asked if anyone was unfamiliar with the IEEE Participation Requirements. No one responded.

Agenda Items

P802.3cu Task Force update, Mark Nowell

- Week of July 15th
- <http://802world.org/plenary/>
- P802.3cu TF will meet:
 - Mon 7/15
 - 8-10am
 - 1pm-6pm
 - Tues 7/16
 - 8am to ~ 9/10am. (.3ck start time @ 9am in same room will be delayed if .3cu TF has work to finish)
- Review technical proposals – final 400G 10km baseline left to be adopted

Presentation #1:

“Proposed Revisions to 100GBASE-LR Baseline Proposal” – Brian Welch

See: http://www.ieee802.org/3/cu/public/cu_adhoc/cu_archive/welch_3cu_adhoc_061919.pdf

- Walked through some proposed revisions to incorporate the addition of the DGD penalty as prescribed by the adopting motion
- Corrections identified that Brian will fix and update
- Proposed to return to only 1 digit of accuracy on link budget parameters (e.g. 4.2 vs 4.25 dB)
- Brian to re-present at next ad hoc (7/3) but will send updated proposal to the reflector with corrections in mean time.

Presentation #2:

“400GBASE-LR4 Baseline Proposal” – David Lewis

See: http://www.ieee802.org/3/cu/public/cu_adhoc/cu_archive/lewis_3cu_adhoc_061919_v2.pdf

- Presented an update proposal based on feedback from original proposal
- Supporter list from SLC was included but Dave will reach out to everyone for confirmation
- Identified the updated IEC 60973-2-50:2018 has aligned with ITU G.652 fiber specs
 - PMD specs though are actually in another referenced document. Mark to see if he can get a copy for use of the TF posted in the private area
- Reviewed updated parameters
- Showed additional slides which be posted shortly after (v2)
- Question on eye safety with the new updated OMA levels. No issues expected; proposed levels are less than 400GBASE-LR8

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

List of attendees (captured from Webex tool)

Thomas Palkert	macom
Stephen Didde	keysight
Mark Nowell	cisco
Tony	huawei
Vince Ferretti	corning
Ed Ulrichs	sourcephotonics
David Chen	ao-inc
Hideki Isono	fujitsu
guangcan	huawei
Mark Kimber	semtech
Frank Chang	sourcephotonics
John D'Ambrosia	Futurewei, U.S. Subsidiary of Huawei
Paul Kolesar	independent
Pete Anslow (Ciena)	ciena
Yoshiaki Sone(NTT)	nel-america
David Malicoat	independent
Ali Ghiasi	Ghiasi quantum
Shimon Mueller	axalume
Thang Pham	fb
Gary Nicholl	cisco
peter stassar	huawei
Mike Dudek	marvell
Piers Dawe	mellanox
Dave Lewis	lumentum
Raymond Nering	cisco
BRIAN WELCH	cisco