IEEE P802.3cu Task Force Ad Hoc meeting – Oct 23rd, 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
    - "Task Force Update" – Mark Nowell (5 mins)
    - ~~"802.3cu D1p0 TDECQ SECQ considerations." – Marco Mazzini (20 mins)~~
    - "802.3 SMF PMD Nomenclature Proposal with Application to 400GBASE-LR4" – Chris Cole (25 mins)
    - "Considerations on overload for 100GBASE-FR1" – Peter Stassar (20 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_101519.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.

Marco Mazzini had informed chair that travel impacts means that he cannot attend today and would need to defer his presentation until next ad hoc.

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 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:
- D1.0 has been published here: http://www.ieee802.org/3/cu/private/index.html
- Review period closes Oct 27th
- Details on how to comment sent to reflector:
  http://www.ieee802.org/3/cu/email/msg00106.html

The next Task Force F2F meeting will be during Nov Plenary:
- http://www.ieee802.org/3/interims/index.html
- P802.3cu TF will meet in the afternoon Monday Nov 11th and all-day on Tues Nov 12th.
- Deadlines: Requests by: Friday, Nov 1st, 2019. Presentation submission: Tues, Nov 5th, 2019
- Goals:
  - Resolve comments received against D1.0 (Review any technical contributions (including proposals aimed towards spec changes)
  - Consider any contributions on nomenclature (to be handled outside the comment process)
  - Adopt a Task Force timeline

Presentation #1: "802.3 SMF PMD Nomenclature Proposal with Application to 400GBASE-LR4" – Chris Cole
See: http://www.ieee802.org/3/cu/public/cu_adhoc/cu_archive/cole_3cu_adhoc_102319.pdf
- Presented a proposal for changes to the 400GBASE-LR4 naming to address the ambiguity between the 6km reach and the 10km loss budget.
- Proposed addition of a specific reach value in name -> 400GBASE-LR4-6
- Presenter developed a broader framework to help explain the choice he was proposing and how it was consistent with some historical naming choices and provided a framework for future naming decisions.
- Clarification that this was only proposal for 400GBASE-LR4-6 was made, other PHYs in .3cu Task Force already fit into the broader framework

Presentation #2:
"Considerations on overload for 100GBASE-FR1" – Peter Stassar
See: http://www.ieee802.org/3/cu/public/cu_adhoc/cu_archive/stassar_3cu_adhoc_102319.pdf
- Presenter highlighted a discrepancy in D1.0 between the 100GBASE-FR1 receiver overload value and the average launch power (max) value.
- Presenter highlighted various options to address the issue and requested feedback from component suppliers on cost impact of increasing overload value (to facilitate interworking with

100GBASE-LR1) vs reducing overload to minimum that would be needed within the 100GBASE-FR1 spec.

- Gary Nicholl (.3cu Editor) pointed out that either way it is incorrect currently in the D1.0 so it needs to change.

The ad hoc meeting ended at 9:15a.m. Pacific.

List of attendees (captured from Webex tool)

Xiang	huawei
Shimon	Axalume
Lemon_geng	huawei
Guangcan Mi	huawei
Young, James	commscope
James H. Chien	ZTE
Dominic Lapierre	exfo
Ming Qi	huawei
David Piehler	Dell EMC
Ali Ghiasi	Ghiasi Quantum
Phil Sun	credosemi
Bill Kirkland	semtech
Karen Liu	lightwavelogic
John DAmbrosia	FutureWei
Xinyuan Wang	huawei
Frank Chang	Source Photonics
Ryo Okabe	fujitsu
david malicoat	Senko
Gary Nicholl	cisco
Zhiwei Yang	ZTE
Mike Dudek	marvell
Xu Yu	huawei
Paul Kolesar	Commscope
inho kim	marvell
Greg LeCheminant	keysight
Yoshiaki Sone	nel-america
Peter Stassar	huawei
Mark Nowell	cisco
Stephen Didde	keysight
Leon Bruckman	huawei
Ed Ulrichs	sourcephotonics
Matt Brown	Huawei
Raymond Nering	cisco