

IEEE P802.3cu Task Force Ad Hoc meeting – Oct 15th, 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 proposed editing to 100GBASE FR1/LR1 and 400GBASE FR4/LR4 PMDs.” – Marco Mazzini (25 mins)
 - Tentative: “802.3 SMF PMD Nomenclature Proposal with Application to 400GBASE-LR4” Chris Cole (20 mins)

Presentations posted at:

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

Meeting began at ~7:05 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. 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:

“802.3cu D1p0 proposed editing to 100GBASE FR1/LR1 and 400GBASE FR4/LR4 PMDs” – Marco Mazzini

See:

http://www.ieee802.org/3/cu/public/cu_adhoc/cu_archive/mazzini_3cu_adhoc_101519_v2.pdf

- Presenter identified four areas where he proposes changes in D1.0:
 - Delta between Average launch power (min), Outer Optical Modulation Amplitude (OMA_{outer}) (min)
 - Allocation for penalties (DGD penalties).
 - Compatibility between 100GBASE-FR1 and 100GBASE-LR1.
 - Average power of OFF transmitters.
- Based on above areas identified changes in Tables 140-6, 140-7, 140-8 and 140-16 for 100GBASE-FR1/LR1 and Tables 151-7, 151-8, 151-9 for 400GBASE-FR4/LR4
- Questions asked and answered
- Typo caught and fixed in updated v2 that is posted.

The ad hoc meeting ended at 8:00 a.m. Pacific.

List of attendees (captured from Webex tool)

Marco Mazzini	cisco
bpwelch	cisco
Mark Kimber	semtech
Paul Kolesar	gmail
phong pham	usconec
Mark Nowell	cisco
Vince Ferretti	corning
Kenneth Jackson	sei-device
guangcan	huawei
James H. Chien	ZTE
Steve Trowbridge	nokia
David Piehler	Dell EMC
Greg LeCheminant	keysight
Rita Horner	synopsys
Dave Lewis	lumentum
Frank Chang	Source Photonics
david malicoat	Independent
Bill Kirkland	semtech
Gary Nicholl	cisco
Ed Ulrichs	sourcephotonics
Peter Stassar	huawei
Stephen Didde	keysight
James Young	commscope