

## IEEE P802.3cu Task Force Ad Hoc meeting – Aug 21st, 2019

Prepared by Kenneth Jackson

### 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” – Ken Jackson (5 mins)
  - “802.3cu: 400GBASE LR4 fiber propagation penalty test completion - positive dispersion tests” – Marco Mazzini (15 mins)
  - “400GBASE-LR4 Engineered Link Specification Approach Proposal” – Chris Cole (25 mins)

Presentations posted at:

[http://www.ieee802.org/3/cu/public/cu\\_adhoc/cu\\_archive/index.html](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\\_082119.pdf](http://www.ieee802.org/3/cu/public/cu_adhoc/cu_archive/agenda_3cu_adhoc_082119.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, Kenneth Jackson

- Draft update:
  - D0.4 has been uploaded here: <http://www.ieee802.org/3/cu/private/index.html>
  - Editorial team is looking for ad hoc feedback

*Gary Nichol reminded everyone that this draft is NOT in a formal comment resolution phase with spreadsheet, rather submit comments via email directly to Gary as some have already done. (Thank you to those that have!)*

- The next Task Force F2F meeting will be during Sept Interim:
  - <http://www.ieee802.org/3/interims/index.html>
  - P802.3cu TF will meet all day Monday Sept 9th
  - Deadlines:
    - Presentation request: Friday Aug 30<sup>th</sup>
    - Presentation deadline: Tues Sept 3<sup>rd</sup>

### **Presentation #1:**

“802.3cu: 400GBASE LR4 fiber propagation penalty test completion - positive dispersion tests” – Marco Mazzini

See: [http://www.ieee802.org/3/cu/public/cu\\_adhoc/cu\\_archive/mazzini\\_3cu\\_adhoc\\_082119.pdf](http://www.ieee802.org/3/cu/public/cu_adhoc/cu_archive/mazzini_3cu_adhoc_082119.pdf)

- Update from previous contribution
- Experimental data for TDECQ and SECQ over worst case dispersion in positive (new) and negative dispersion
- Also included transmitters with uniform and bottom eye diagram compression over both positive (new) and negative dispersion.

### **Presentation #2:**

“400GBASE-LR4 Engineered Link Specification Approach Proposal” – Chris Cole

See: [http://www.ieee802.org/3/cu/public/cu\\_adhoc/cu\\_archive/cole\\_3cu\\_adhoc\\_082119.pdf](http://www.ieee802.org/3/cu/public/cu_adhoc/cu_archive/cole_3cu_adhoc_082119.pdf)

- Proposing a shorter maximum reach to limit worst-case dispersion penalty

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

List of attendees (captured from Webex tool)

Gary Nicholl	cisco
Jeffery Maki	juniper
Stephen Didde	keysight
Dave Lewis	lumentum
Rita Horner	synopsys
Mark Kimber	semtech
Thomas Palkert	gmail
Shimon Muller	axalume
Vipul Bhatt	Finisar
Vince Ferretti	corning
Ed Ulrichs	sourcephotronics
Raymond Nering	cisco
Ali Ghiasi	Ghiasi Quantum
Pete Anslow	ciena
Piers Dawe	mellanox
Marco Mazzini	cisco
guangcan	huawei
Paul Kolesar	gmail
david malicoat	gmail
Yoshiaki Sone	nel-america
Eric Maniloff	ciena
Kenneth Jackson	sei-device
Derek Cassidy	bt
Bo Zhang	inphi
Dominic Lapierre (EXFO)	exfo
BRIAN WELCH	cisco

DREW GUCKENBERGER	cisco
David Piehler	dell
Peter Stassar	huawei
Chris Cole	finisar
Steve Trowbridge	nokia