

## IEEE P802.3 NEA Ad Hoc meeting – October 11, 2017

Prepared by Matt Traverso

### Agenda:

- IEEE patent policy reminder:
  - <http://www.ieee802.org/3/patent.html>
- IEEE Participation Requirements reminder
- Pre-CFI Consensus discussion:
  - Beyond 10km Optical 100 Gb/s PHYs – Matt Traverso

Presentations posted at: [http://www.ieee802.org/3/ad\\_hoc/ngrates/public/calls/index.html](http://www.ieee802.org/3/ad_hoc/ngrates/public/calls/index.html)

Meeting began at ~8:05 a.m. Pacific by Mark Nowell.

Meeting began with the agenda presentation:

[http://www.ieee802.org/3/ad\\_hoc/ngrates/public/calls/17\\_1011/agenda\\_nea\\_171011.pdf](http://www.ieee802.org/3/ad_hoc/ngrates/public/calls/17_1011/agenda_nea_171011.pdf)

Presented the proposed agenda

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. He asked if anyone was unfamiliar with the IEEE Participation Requirements. No one responded.

## Agenda Items

### Pre-CFI Consensus discussion: Beyond 10km Optical 100 Gb/s PHYs – Matt Traverso

- Reviewed presentation, “Draft - CFI- 100GbE Beyond 10km Optical PHYs Consensus Deck”
  - [http://www.ieee802.org/3/ad\\_hoc/ngrates/public/calls/17\\_1011/traverso\\_nea\\_01\\_171011.pdf](http://www.ieee802.org/3/ad_hoc/ngrates/public/calls/17_1011/traverso_nea_01_171011.pdf)
- Recommended to follow up with Mr. Law in regards to language and timing on proposed straw polls
- Discussion on pertinence of slide 8 on SerDes rates relating to number of lanes and cost. Recommendation to reformat slide.
- Throughout presentation feedback that “lane count” is preferable to “bus width” in the context of the proposed optical PHYs

- On slide 20, review the coding gain given the likely BER target – consider to add reference to latency
- Antonio Tartaglia of Ericsson mentioned an effort to collect more data on the mobile application 100G opportunity
- Numerous typos and clarification opportunities spotted – plan to review updated version at next scheduled ad hoc on October 25<sup>th</sup>
- Request made for supporters to reach out to Matt or Mark

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

### List of attendees (captured from Webex tool)

Antonio Tartaglia	ericsson
Dave Lewis	lumentum
Ken Jackson	sei-device
Mark Nowell	cisco
Paul Kolesar	commscope
Matt Traverso	cisco
Nathan Tracy	te
John D'Ambrosia	FutureWei
Dale Murray	lightcounting
Piروز Tooyserkani	cisco
RICHARD MELLITZ	samtec
Jeffery Maki	juniper
Hai-Feng Liu	intel
Mark Kimber	semtech
Gary Burrell	elenion
Peter Anslow	ciena
T.SAKAI	socionext
martin white	cavium
Matthias Fritsche	harting
JAMES YOUNG	commscope
Tom Williams	acacia-inc
kent lusted	intel
gary nicholl	cisco
Vivek Telang	broadcom
Rita Horner	synopsys
Peter Jones	cisco
Derek Cassidy	bt
David Ofelt	juniper.net
peter stassar	huawei
Ed Ulrichs	sourcephotronics
Xinyuan Wang	huawei
Frank Chang	inphi