

Minutes

**IEEE P802.3cu 100 Gb/s and 400 Gb/s over
SMF at 100 Gb/s per Wavelength Task Force**

Interim Meeting

March 31, 2020

Interim Teleconference

Prepared by Kenneth Jackson and Mark Nowell

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IEEE P802.3cu 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength Task Force – March 31, 2020

Prepared by Kenneth Jackson

Meeting convened at 2PM (GMT) 7AM (Pacific)

Chaired by Mark Nowell.

Attendance pulled from the WebEx tool. If joining via phone (only) send email to Mark Nowell stating your attendance. Remember to include your affiliation in the name field of the WebEx tool, since the affiliation can no longer be recorded.

Chair reviewed agenda in

http://www.ieee802.org/3/cu/public/March20/agenda_3cu_01a_033120.pdf

Presented the proposed agenda and asked if there was objection as written. No objections raised. The agenda was approved by the Task Force.

Minutes from the previous interim meeting (March 24) were posted shortly after the meeting.

Chair asked if there were any changes needed to the minutes? Chair asked if there were any objections to the minutes as written? None raised.

The minutes were approved by the Task Force.

Chair reminded the Task Force that attendance is captured through the Webex tool. The usage report no longer seems to record email addresses which were used to capture affiliation for minutes. Therefore participants are requested to log-in with both their name and affiliation details in the Name field.

Participants observed that this was possible by choosing to log-in via the Web browser (rather than Webex app, making the modification and it is then cached for future log-ins.

Chair reviewed the Patent, Copyright and Attendance policies.

<http://ieee802.org/3/policies.html>

Call for patents at 7:10AM (Pacific). *No patents noted.*

Chair reviewed current Task Force Status

- Bucket comment list review
 - Deadline: *Monday, April 13th to remove a comment from the bucket.*
- Goals for this meeting:
 - Continue resolving comments against D2.0
 - Review technical presentation made in support of comments
 - Straw polls/motions as needed

Multiple interim teleconference meetings scheduled over the month of March/April. Tuesday of each week. 7AM Pacific start time. Today's meeting is 2 hours long. Meeting dates and tentative topics showed.

Presentation requests must be made the *Thursday before the meeting*, and presentations submitted on the Friday before the meeting to be posted during the weekend. Presentation time will be limited to 15 minutes.

One technical presentation to be given today.

Presentation #1: "P802.3cu D2.0 Comment Resolution Update", Gary Nicholl

See http://www.ieee802.org/3/cu/public/March20/nicholl_3cu_01_033120.pdf

- Reviewed the comments resolved during last Interim Teleconference (3/24)
- Comments to be reviewed today---Reach
- Resolve "cross-clause" comments (see comment summary table)

Presentation #2: "Reassessment of FR4/LR4-6 Reach Specs, Are We on the Right Track?", Frank Chang

See http://www.ieee802.org/3/cu/public/March20/nicholl_3cu_02a_032420.pdf

- Author asked if it is viable to extend 400G-LR4 to 10km reach?
- Showed TDECQ & Rx sensitivity measurements for various wavelengths and fiber dispersion
- Showed TDECQ-TECQ penalty vs. fiber distance for different lanes (wavelengths)
- Author listed options to extend max reach to 10km.

Chair observed that there seemed to be interest amongst participants (based on number of questions) on exploring this topic. The comment received (#82) on this topic indicated a supporting presentation would be submitted but challenges in gathering lab measurements have delayed that. Chair asked if there was any opposition to delaying the closure of this comment from today to later in the comment resolution to allow more discussion and possibly data to be reviewed.

Chair requested the Task Force to bring in additional data/analysis on this topic. We will need to close this comment and a valid response is to reject due to lack of consensus to make a change.

Comment resolution started.

Comments resolution terminated.

Editor indicated that updated Comment reports and updated Comment Agenda will be posted asap.

Mark requested to adjourn the meeting. No objections raised.

Meeting adjourned ~9AM (Pacific)

Attendees (Taken from Webex Attendance- Affiliations we're not captured by Webex tool this time so affiliations have been entered manually based on previous minutes. Please let Chair or Recording Secretary know if any modifications are needed)

Abbott, John (Corning)	corning
Ali Ghiasi (Ghiasi Quantum/Inphi)	
Ayla Chang	huawei
Beth Kochuparambil	cisco
Bo Zhang	inphi
BRIAN WELCH	cisco
Chan Chih (David) Chen (AOI)	ao-inc
Dave Lewis (Lumentum)	lumentum
david malicoat	Independent
David Piehler [Dell EMC]	dell
David.Fan	huawei
Ed Ulrichs	intel
Frank Chang	Source Photonics
Gary Nicholl	cisco
Greg LeCheminant	keysight
Greg McSorley(Amphentol)	amphenol-highspeed
guangcan mi/huawei	huawei
Hao Ren	huawei

Hideki Isono	fujitsu
inho kim	marvell
jeff Hutchins Ranovus	Ranovus
Jeffery Maki	juniper
John D Ambrosia	FutureWei
Karen Liu	lightwavelogic
Kenneth Jackson	Sumitomo
Klaus Engenhardt - Keysight	keysight
Lemon_geng	huawei
Leon Bruckman	huawei
Maniloff, Eric [Ciena]	ciena
Marco Mazzini	cisco
Mark Kimber	semtech
Mark Nowell	cisco
Massimo Sorbara (Globalfoundries)	globalfoundries
Matt Brown	Huawei
Mike Dudek	marvell
Ming ran	huawei
Pavel Zivny	tektronix
Peter Stassar (Huawei)	huawei
Phil Sun	credosemi
Piers Dawe (Mellanox)	mellanox
Qing Xu (Ranovus)	ranovus
Ray Nering (Cisco)	cisco
Roberto Rodes	finisar
Roberto Rodes (II-VI)	finisar
Ruoxu Wang(Huawei)	hisilicon

sam sambasivan	labs.att
Stephen Didde	keysight
Steve Trowbridge (Nokia)	nokia
Thomas Palkert (Molex/Macom)	gmail
Tom Issenhuth (Huawei)	outlook
Vince Ferretti (Corning)	corning
Vipul Bhatt (II-VI)	finisar
Xiang He (HUAWEI)	huawei
Xinyuan Wang	huawei
Yoshiaki Sone(NTT)	nel-america
Young, James (SISP)	commscope
Yu Xu / Huawei	huawei