

Approved Minutes
IEEE P802.3cm 400 Gb/s over Multimode Fiber Task Force Ad Hoc Web/Teleconference
October 11, 2018

Group Name: IEEE P802.3cm 400 Gb/s over Multimode Fiber Task Force Ad Hoc

Date/Location: Thursday, October 11, 2018. Web/Teleconference

Chair: Robert Lingle, Jr., P802.3cm TF Chair

Recording Secretary: Mabud Choudhury

Meeting Participants:

	Name	Employer	Affiliation
1	Adrian Young	Leviton Mfg.	Leviton Mfg.
2	Bruce Chow	Corning Inc	Corning Inc
3	David Chen	AOI	AOI
4	David Malicoat	Malicoat Networking Solutions	SENKO/Aquantia
5	David Piehler	Dell EMC	Dell EMC
6	Earl Parsons	CommScope	CommScope
7	Flavio Marques	Furukawa Electric LatAm	Furukawa Electric LatAm
8	James Young	CommScope	CommScope
9	John Kamino	OFS	OFS
10	Jonathan Ingham	Foxconn Interconnect Technology	Foxconn Interconnect Technology
11	Jonathan King	Finisar	Finisar
12	Ken Jackson	Sumitomo	Sumitomo
13	Mabud Choudhury	OFS	OFS
14	Michael Takefman	Inphi	Inphi
15	Mike Dudek	Marvell	Marvell
16	Paul Kolesar	CommScope	CommScope
17	Petar Pepeljugoski	IBM	IBM
18	Phong Pham	US Conec	US Conec
19	Piers Dawe	Mellanox	Mellanox
20	Rakesh Sambaraju	Nexans	Nexans
21	Ramana Murty	Broadcom	Broadcom
22	Rick Pimpinella	Panduit	Panduit
23	Rita Horner	Synopsys	Synopsys
24	Robert Lingle	OFS	OFS
25	Ronald Tellas	Belden	Belden
26	Steve Sekel	Keysight	Keysight
27	Sunny Xu	CommScope	CommScope
28	Tom Mitcheltree	US Conec	US Conec

28 attendees participated in the October 11, 2018 web call. If you participated in the meeting but are not listed or if you attended and company employer/affiliation is incorrect, please email Mabud Choudhury, mchoudhury@ofsoptics.com with a correction.

Call to order/Meeting Start Time: 1:03 pm Eastern Daylight Time/EDT (UTC -4)

Chair's remarks:

- Reminder for participants to record their attendance along with employer/affiliation to Mabud Choudhury at mchoudhury@ofsoptics.com
- Reviewed Agenda, Slide 3 of:
http://www.ieee802.org/3/cm/public/adhoc/linge_3cm_adhoc_01_101118.pdf

Approval of agenda: Agenda was approved.

- Participation in IEEE 802 Meetings and Guidelines for IEEE-SA Meetings, including Patent Policy, reviewed (Slides 4 - 8 of link above). No one indicated being unfamiliar with these policy slides.
- Reviewed where we are for project, Slide 10 of:
http://www.ieee802.org/3/cm/public/adhoc/linge_3cm_adhoc_01_101118.pdf
- Reviewed primary focus for November Plenary: providing complete and thorough comments/review of and resolving comments against D1.0
- Planned presentations for Bangkok meeting to date: Eye safety for 400G-SR4.2 and Link Model for Optical PAM-4 Channels – both from Jose Castro

Technical Topics:

1. Editors' update – Jonathan King and Jonathan Ingham:

- D1.0. available October 5 – major project milestone! Chair acknowledged and recognized excellent work by Editors.
- 5 comments against D1.0 to date
- Comments to close by October 25

2. 400GBASE-SR4.2 optical penalties (updated) – Piers Dawe:

- http://www.ieee802.org/3/cm/public/adhoc/dawe_3cm_adhoc_01_101118.pdf
- Updates http://www.ieee802.org/3/cm/public/adhoc/dawe_3cm_adhoc_01_092718.pdf . Updated calculation follows the OgawaAgrawal equations, includes improvements in the fibre's specified CD, fully includes the Pcross effect. Focus on MPN and MN
- Technical discussion on noise penalties
- Technical discussion on theory and simulations
- Continued need for experimental measurements to validate the noise penalty concerns

Meeting closed: 2:31 pm Eastern Daylight Time/EDT (UTC -4).

Next Meeting: Thursday, October 25, 2018, 1 pm – 2:30 pm Eastern Daylight Time/EDT (UTC -4), 400G over MMF TF Ad Hoc Web/Teleconference