

Approved Minutes
IEEE P802.3cm 400 Gb/s over Multimode Fiber Task Force Ad Hoc Web/Teleconference
February 28, 2019

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

Date/Location: Thursday, February 28, 2019. 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	Derek Cassidy	ICRG	IET
3	Earl Parsons	CommScope	CommScope
4	Flavio Marques	Furukawa Electric LatAm	Furukawa Electric LatAm
5	Gary Nicholl	Cisco	Cisco
6	John Abbott	Corning Inc	Corning Inc
7	John Kamino	OFS	OFS
8	Jonathan Ingham	Foxconn Interconnect Technology	Foxconn Interconnect Technology
9	Jose Castro	Panduit	Panduit
10	Ken Jackson	Sumitomo	Sumitomo
11	Mabud Choudhury	OFS	OFS
12	Mike Dudek	Marvell	Marvell
13	Pete Anslow	Ciena	Ciena
14	Piers Dawe	Mellanox	Mellanox
15	Ramana Murty	Broadcom	Broadcom
16	Robert Lingle, Jr.	OFS	OFS
17	Stephen Didde	Keysight Technologies	Keysight Technologies
18	Yi Sun	OFS	OFS

18 attendees participated in the February 28, 2019 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: 12:12 pm Eastern Standard Time/EST (UTC -5)

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/lingle_3cm_adhoc_01_022819.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.
- Approved previously posted Unapproved Minutes for January 10th, 2019 ad hoc meeting: http://www.ieee802.org/3/cm/public/adhoc/unapproved_minutes_3cm_adhoc_01_011019.pdf
- Deadlines for requesting agenda time and submitting presentations (Slide 14 of above link):
 - Request time from Chair, rlingle@ofsoptics.com by midnight TUESDAY, MARCH 5th, 2019 11:59pm (AoE)
 - Submit presentation to Chair, rlingle@ofsoptics.com by midnight TUESDAY, MARCH 5th, 2019 11:59pm (AoE)
- TF meeting dates during Vancouver WG Plenary:
 - Co-Located Interim TF Meeting (prior to the opening WG plenary): Monday March 11, 2019, 8:00 am – 10:00 am Pacific Standard Time/PDT (UTC -7)
 - TF Meeting during IEEE 802.3 WG Plenary: Monday March 11, 2019, 1:00 pm – 6:00 pm PDT (UTC -7) and Tuesday, March 12, 2019, 8:00 am – 12:00 pm PDT (UTC -7)
- Reviewed preparation and goals for March Plenary TF meetings:
 - Primary focus: comment resolution against D1.2
 - Motions for TF and WG to authorize D2.0

Technical Topics/Contributions:

1. Editors' update – Jonathan Ingham, Chief Editor:

- Slide 10 of http://www.ieee802.org/3/cm/public/adhoc/lingle_3cm_adhoc_01_022819.pdf:
 - Draft 1.2 was open for review from Monday, January 28th, 2019 through midnight AoE Tuesday, February 26th.
 - Comments received:
 - By Clause: http://www.ieee802.org/3/cm/comments/P802d3cm_D1p2_comments_received_by_clause.pdf
 - By ID: http://www.ieee802.org/3/cm/comments/P802d3cm_D1p2_comments_received_by_ID.pdf
 - Editorial team will provide proposed responses to comments prior to Vancouver Co-Located Interim and Plenary TF meetings.
 - Comments will be resolved at Co-Located Interim and Vancouver Plenary TF meetings, March 11-12, 2019.

2. “Modal noise measurements relevant to 400G-SR4.2” – Earl Parsons, Yi Sun, Robert Lingle Jr:

- http://www.ieee802.org/3/cm/public/adhoc/sun_3cm_adhoc_01_022819.pdf
- Extensive technical discussion and suggestions to build on and improve experiment/measurements. Authors welcomed suggestions and comments. Additional measurements will be made/data collected based on ad hoc meeting discussion and feedback and presented at Vancouver TF meetings.
- General discussion. Clarifying questions were asked and answered

3. “Proposed modification to clause 150.5.1 PMD block diagram Figure 200-2-Block diagram for 400GBASE-SR4.2 transmit/receive paths” – Rick Pimpinella:

- http://www.ieee802.org/3/cm/public/adhoc/pimpinella_3cm_adhoc_01_022819.pdf

- Rick Pimpinella was not available for the meeting, so he had requested Robert Lingle, Jr to present the contribution
- Ad hoc group generally agreed with proposed modification, but suggested that changes were needed in how wavelengths, λ , and lanes, L, are defined, numbered, shown.

Meeting closed: 2:00 pm Eastern Standard Time/EST (UTC -5)

Next Meeting:

- Co-Located Interim TF Meeting (prior to the opening WG plenary): Monday March 11, 2019, 8:00 am – 10:00 am Pacific Standard Time/PDT (UTC -7), Vancouver, BC, Canada.
- TF Meeting during IEEE 802.3 WG Plenary: Monday March 11, 2019, 1:00 pm – 6:00 pm PDT (UTC -7) and Tuesday, March 12, 2019, 8:00 am – 12:00 pm PDT (UTC -7), Vancouver, BC, Canada.