

IEEE P802.3cm 400G over MMF Task Force Ad Hoc Web/Teleconference

Robert Lingle, Jr., Chair
Employer & Affiliation: OFS

IEEE P802.3cm 400 Gb/s over MMF Task Force
April 25, 2019

WebEx & Call-in Information

- [Join Webex meeting https://iee802d3.my.webex.com/iee802d3.my/j.php?MTID=m39b6333d977adcea0f2b0a199f7fc4fe](https://iee802d3.my.webex.com/iee802d3.my/j.php?MTID=m39b6333d977adcea0f2b0a199f7fc4fe)
- Meeting number (access code): 624 188 366
- Meeting password: datacenter

Join from a video system or application

Dial [624188366@iee802d3.my.webex.com](tel:624188366@iee802d3.my.webex.com)

You can also dial 173.243.2.68 and enter your meeting number.

Join by phone

[**+1-510-338-9438**](tel:+15103389438) USA Toll

[Global call-in numbers](#)

[Can't join the meeting?](#)

IMPORTANT NOTICE: Please note that this Webex service allows audio and other information sent during the session to be recorded, which may be discoverable in a legal matter. By joining this session, you automatically consent to such recordings. If you do not consent to being recorded, discuss your concerns with the host or do not join the session.

Agenda

- Please record attendance with employer & affiliation to Mabud Choudhury at mchoudhury@ofsoptics.com
- Approve agenda
- IEEE 802 Participation, review patent slides
- Approve prior ad hoc call unapproved meeting minutes
- Today's topics:
 - Editor's update – Jonathan Ingham
 - “Proposed change to 400GBASE-SR4.2 specification” – Jonathan Ingham, Carlo Mariotti
 - “Additional detail on pepeljugoski_01_0108 modal noise calcs” – Robert Lingle, Jr.
 - “Curve fitting to Petar Pepeljugoski's modal noise simulations” – Paul Kolesar
 - Salt Lake City May Interim TF meeting goals and schedule
- Deadlines for Requesting Agenda Time and Submitting Presentations
- Any walk-on items

Participation in IEEE 802 Meetings

Participation in any IEEE 802 meeting (Sponsor, Sponsor subgroup, Working Group, Working Group subgroup, etc.) is on an individual basis

- Participants in the IEEE standards development individual process shall act based on their qualifications and experience. (https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf section 5.2.1)
- IEEE 802 Working Group membership is by individual; “Working Group members shall participate in the consensus process in a manner consistent with their professional expert opinion as individuals, and not as organizational representatives”. (subclause 4.2.1 “Establishment”, of the IEEE 802 LMSC Working Group Policies and Procedures)
- Participants have an obligation to act and vote as an individual and not under the direction of any other individual or group. A Participant’s obligation to act and vote as an individual applies in all cases, regardless of any external commitments, agreements, contracts, or orders.
- Participants shall not direct the actions or votes of any other member of an IEEE 802 Working Group or retaliate against any other member for their actions or votes within IEEE 802 Working Group meetings, see https://standards.ieee.org/develop/policies/bylaws/sb_bylaws.pdf section 5.2.1.3 and the IEEE 802 LMSC Working Group Policies and Procedures, subclause 3.4.1 “Chair”, list item x.

By participating in IEEE 802 meetings, you accept these requirements. If you do not agree to these policies then you shall not participate.

(Latest revision of IEEE 802 LMSC Working Group Policies and Procedures: <http://www.ieee802.org/devdocs.shtml>)

Participants have a duty to inform the IEEE

- Participants shall inform the IEEE (or cause the IEEE to be informed) of the identity of each holder of any potential Essential Patent Claims of which they are personally aware if the claims are owned or controlled by the participant or the entity the participant is from, employed by, or otherwise represents
- Participants should inform the IEEE (or cause the IEEE to be informed) of the identity of any other holders of potential Essential Patent Claims

**Early identification of holders of potential
Essential Patent Claims is encouraged**

Ways to inform IEEE

- Cause an LOA to be submitted to the IEEE-SA (patcom@ieee.org); or
- Provide the chair of this group with the identity of the holder(s) of any and all such claims as soon as possible; or
- **Speak up now and respond to this Call for Potentially Essential Patents**

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair

Other guidelines for IEEE WG meetings

- All IEEE-SA standards meetings shall be conducted in compliance with all applicable laws, including antitrust and competition laws.
 - Don't discuss the interpretation, validity, or essentiality of patents/patent claims.
 - Don't discuss specific license rates, terms, or conditions.
 - Relative costs of different technical approaches that include relative costs of patent licensing terms may be discussed in standards development meetings.
 - Technical considerations remain the primary focus
 - Don't discuss or engage in the fixing of product prices, allocation of customers, or division of sales markets.
 - Don't discuss the status or substance of ongoing or threatened litigation.
 - Don't be silent if inappropriate topics are discussed ... do formally object.

For more details, see *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and *Antitrust and Competition Policy: What You Need to Know* at <http://standards.ieee.org/develop/policies/antitrust.pdf>

Patent-related information

The patent policy and the procedures used to execute that policy are documented in the:

- ***IEEE-SA Standards Board Bylaws***
(<http://standards.ieee.org/develop/policies/bylaws/sect6-7.html#6>)
- ***IEEE-SA Standards Board Operations Manual***
(<http://standards.ieee.org/develop/policies/opman/sect6.html#6.3>)

Material about the patent policy is available at
<http://standards.ieee.org/about/sasb/patcom/materials.html>

If you have questions, contact the IEEE-SA Standards Board Patent Committee
Administrator at patcom@ieee.org

Approve Previous TF Ad Hoc Meeting Minutes

- Approve previously posted Unapproved Minutes for April 4th, 2019 ad hoc meeting:
 - http://www.ieee802.org/3/cm/public/adhoc/unapproved_minutes_3cm_adhoc_01_040419.pdf

Editor's Update – WG Ballot Draft 2.0

- Draft 2.0 Ballot:
 - Opened Saturday 23rd March 2019
 - Closed Sunday 21st April 2019 23:59 AOE
 - 58 comments received:
 - 15 TR
 - 8 T
 - 3 ER
 - 32 E
 - Comments received
 - by Clause: http://www.ieee802.org/3/cm/comments/P802d3cm_D2p0_comments_received_by_clause.pdf
 - by ID: http://www.ieee802.org/3/cm/comments/P802d3cm_D2p0_comments_received_by_ID.pdf
- You may access D2.0 at the following links:
 - Posted: <http://www.ieee802.org/3/cm/private/index.html>
 - Private Area Username and Password provided upon request from TF Chair, Editors, Secretary; WG Username and Password to access private area provided by WG Chair David Law.
 - Clean version: http://www.ieee802.org/3/cm/private/8023cm_D2p0.pdf
 - Compare version: http://www.ieee802.org/3/cm/private/8023cm_D2p0-compare.pdf
- Editorial team will provide proposed responses to comments prior to Salt Lake City Interim TF meeting
- Comments will be resolved at Salt Lake City Interim TF meeting on May 20-21, 2019

Contributions & Topics

- “Proposed change to 400GBASE-SR4.2 specification”
 - Jonathan Ingham, Carlo Mariotti:
 - http://www.ieee802.org/3/cm/public/adhoc/ingham_3cm_adhoc_01_042519.pdf
- “Additional detail on pepeljugoski_01_0108 modal noise calcs”
 - Robert Lingle, Jr.:
 - http://www.ieee802.org/3/cm/public/adhoc/lingle_3cm_adhoc_01_042519.pdf
- “Curve fitting to Petar Pepeljugoski’s modal noise simulations”
 - Paul Kolesar
 - http://www.ieee802.org/3/cm/public/adhoc/kolesar_3cm_adhoc_01_042519.pdf

Salt Lake City May Interim TF Meeting

- Primary focus:
 - The focus of the IEEE P802.3cm Task Force meeting at Salt Lake City May Interim TF meeting shall be **comment resolution against D2.0**
- Motion to authorize D2.1

- Salt Lake City Interim TF Meeting Dates:
 - **Monday May 20th, 2019, 08:00 – 18:00** Mountain Daylight Time (MDT, UTC-6)
 - (If necessary) **Tuesday, May 21th, 2019, 08:00 – 12:00** MDT/UTC-6
 - http://grouper.ieee.org/groups/802/3/interims/0519_802_3_sched_color.htm

Deadlines for Requesting Agenda Time and Submitting Presentations for Salt Lake City Interim TF Meeting

- Deadlines/Topics

- The presenter shall request time by **THURSDAY, MAY 9th, 2019 11:59pm** ([AoE](#)). Requests shall be submitted by sending an email to the Chair, rlingle@ofsoptics.com
- The presenter shall submit a PDF, soft-copy version of the presentation, by e-mailing it to the Chair, rlingle@ofsoptics.com . This shall be done by **WEDNESDAY, MAY 15th, 2019 11:59pm** ([AoE](#)) for publication to the IEEE 802.3 400 Gb/s over Multimode Fiber Task Force web site.
- Presentations directly related to comment against D2.0 are encouraged; contributions related to the progression to D2.1 are encouraged. Contributions on other topics will only be considered after all other agenda items are completed.

- Procedure for Presenters:

<http://www.ieee802.org/3/cm/public/presentproc.html>

Walk-On Items