

IEEE P802.3cm 400G over MMF Task Force Ad Hoc Telecon

Robert Lingle Jr, Chair

IEEE 802.3 P802.3cm 400 Gb/s over MMF Task Force

Employer & Affiliation: OFS

June 28, 2018

WebEx & Call-in Information

Join meeting in my WebEx Personal Room

https://themeetingson.webex.com/join/webex_2220505 | 717 453 872

Join by phone

1-8007682983 Conference dial-in number

access code: 798 501 5

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Agenda

- Please record attendance with employer & affiliation to Mabud Choudhury at mchoudhury@ofsoptics.com
- Approve agenda
- IEEE 802 Participation, patent slide
<http://www.ieee802.org/3/patent.html>
- 400G over MMF Task Force schedule at July Plenary
 - http://ieee802.org/3/interims/july2018_8023schedule.pdf
 - We meet half-days Tuesday PM / Wednesday AM ; register now!
- Request agenda time by 6/28; submit presentations by 7/5
- Jonathan King report on VCSEL wavelength limits impact on TDECQ filter bandwidth
- Discussion related to consensus building on SR42. baseline

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>)

Guidelines for IEEE-SA 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, including licensing costs of essential patent claims, of different technical approaches may be discussed in standards development meetings.
 - Technical considerations remain 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.**

If you have questions, contact the IEEE-SA Standards Board Patent Committee Administrator at patcom@ieee.org or visit <http://standards.ieee.org/about/sasb/patcom/index.html>

See *IEEE-SA Standards Board Operations Manual*, clause 5.3.10 and “Promoting Competition and Innovation: What You Need to Know about the IEEE Standards Association's Antitrust and Competition Policy” for more details.

This slide set is available
at <https://development.standards.ieee.org/myproject/Public/mytools/mob/slideset.pdf>

Deadlines for Requesting Agenda Time and Submitting Presentations

- The presenter shall request time, sending email to the Chair rlingle@ofsoptics.com , by **midnight THURSDAY, June 28th, 2018** (AoE).
 - If the "requesting presentation time" deadline is missed, time will be provided on a best-effort basis following the completion of the regular agenda (or as deemed appropriate by the chair).
- 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 **midnight THURSDAY JULY 5th, 2018** (AoE)
 - If the "presentation submission" deadline is missed, time will be provided on a best-effort basis following the completion of the regular agenda (or as deemed appropriate by the chair).
- Additional details on information to be included for Request, Presentation Style Guidelines, Submitting Presentation, Document Information Fields can be found at <http://www.ieee802.org/3/NGMMF/public/presentproc.html>

Where we are

[http://ieee802.org/3/NGMMF/public/Adopted Objectives NGMMF 0123jan18.pdf](http://ieee802.org/3/NGMMF/public/Adopted%20Objectives%20NGMMF%200123jan18.pdf)

Specific objectives approved by WG

- Define a physical layer specification that supports 400 Gb/s operation over 8 pairs of MMF with lengths up to at least 100m
 - We adopted a baseline in Pittsburgh
 - Next step is for Jonathan King to begin editing clause 138
- Define a physical layer specification that supports 400 Gb/s operation over 4 pairs of MMF with lengths up to at least 100m
 - Need to adopt a baseline in July
- Chair's goal is to advance D1.0 at the November Bangkok plenary