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

Robert Lingle Jr, Chair

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

Employer & Affiliation: OFS

July 26, 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
Show global numbers

Can't join the meeting?

Agenda

- Please record attendance with employer & affiliation to Mabud Choudhury at mchoudhury@ofsoptics.com

- Approve agenda

- IEEE 802 Participation, review patent slides

- June 21 & June 28, 2018 ad hoc call unapproved meeting minutes posted

- Review timeline proposal

- Discussion of items needing contributions prior to September Interim

- 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)

IEEE 802 Executive Committee

Participants have a duty to inform the IEEE

- **Participants <u>shall</u> 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 <u>should</u> 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

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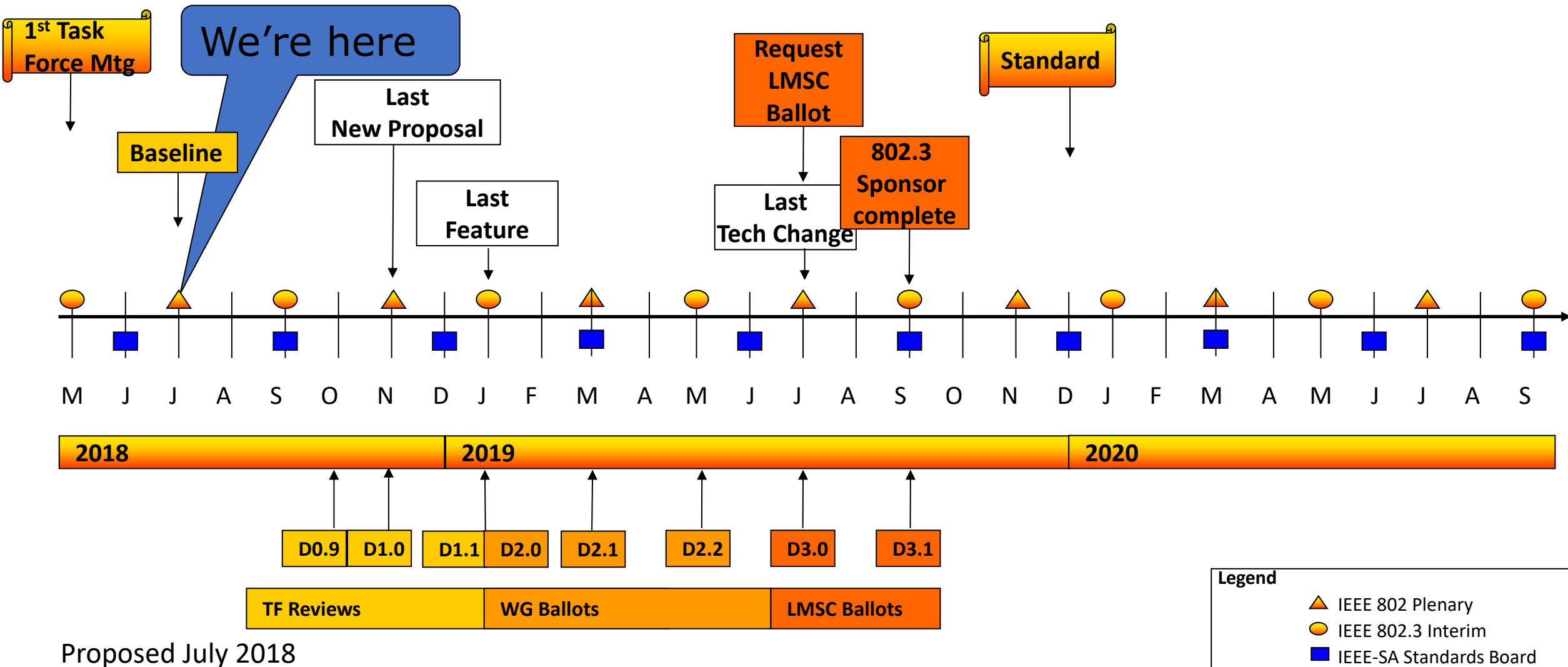
June 2018 TF Ad Hoc Meeting Minutes

- Unapproved minutes for June 21 and June 28, 2018 ad hoc meeting posted:
  - http://www.ieee802.org/3/cm/public/adhoc/unapproved_minutes_3cm_adhoc_01_062118.pdf
  - http://www.ieee802.org/3/cm/public/adhoc/unapproved_minutes_3cm_adhoc_01_062818.pdf
- Please review and send corrections/updates to mchoudhury@ofsoptics.com

Where we are

- We have adopted baselines for both the 4-pair and 8-pair objectives

- Editors are working to generates drafts

- We have a couple items needing further contributions

- Group will discuss draft 0.x at the Spokane Interim in September

- Chair's wish is to hold comment resolution on D1.0 at the November Bangkok Plenary

IEEE P802.3cm Task Force Proposed Timeline (1st pass – aggressive schedule)

1st Task Force Mtg

We're here

Baseline

Last New Proposal

Last Feature

Request LMSC Ballot

Last Tech Change

802.3 Sponsor complete

Standard

M J J A S O N D J F M A M J J A S O N D J F M A M J J A S

2018 **2019** **2020**

| D0.9 | D1.0 | D1.1 | D2.0 | D2.1 | D2.2 | D3.0 | D3.1 |

TF Reviews | **WG Ballots** | **LMSC Ballots**

Legend
△ IEEE 802 Plenary
○ IEEE 802.3 Interim
■ IEEE-SA Standards Board

Proposed July 2018

Discussion of items needing contributions prior to September Interim

- MDI proposal for 400G-SR4.2 – 8/23 Ad Hoc

- Eye safety for 400G-SR4.2 – 8/30 Ad Hoc

- TDECQ / SECQ filter bandwidths – 8/30 Ad Hoc

- Discuss nomenclature, planning for a motion in Spokane