

IEEE 802.3 NGMMF Study Group Teleconference

Robert Lingle Jr, Chair

IEEE 802.3 Next-gen 200G & 400G PHYs over fewer MMF Pairs Study Group

Employer & Affiliation: OFS

February 22, 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 mchoudhury@ofsoptics.com
- IEEE 802 Participation, Pre-PAR Patent Policy
- Approve agenda & February 8, 2018 Ad Hoc call minutes
- NGMMF Study Group schedule at Rosemont Plenary
 - http://ieee802.org/3/interims/0318_schedule_post_html.htm
- Timeline goal has not changed: become TF in May to create 4-pair baseline in time to guide the industry to a standardized solution
- Discussion of BMP & DI for 400 Gb/s objectives over both 4 & 8 pairs MMF
 - http://ieee802.org/3/NGMMF/public/adhoc/lingle_NGMMF_adhoc_02_022218.pdf
- Discussion of changes to BMP & DI in CSD Responses that we could propose when we respond to comments in Rosemont, led by Mabud Choudhury
 - http://ieee802.org/3/NGMMF/public/adhoc/choudhury_NGMMF_adhoc_01_022218.pdf

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

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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/preparslides.ppt>

Schedule in Rosemont

Monday	Tuesday	Wednesday
802.3cd		Motions NGMMF - 2 hrs 15 min
Plenary	802.3cd	NGMMF & 100GEL
Lunch	Lunch	Lunch
802.3cd	Possible NG-MMF 802.3cd	NGMMF & 100GEL
	Comment Deadline from EC	Comment Response deadline
	Respond to comments on PAR/CSD from EC & other groups NGMMF & 10 Mb/s	Social

Objectives adopted in Geneva

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

- Specific objectives adopted
 - Define a physical layer specification that supports 400 Gb/s operation over 8 pairs of MMF with lengths up to at least 100m
 - Define a physical layer specification that supports 400 Gb/s operation over 4 pairs of MMF with lengths up to at least 100m
- Objective that failed
 - Define a physical layer specification that supports 200 Gb/s operation over 1 pair of OM4 MMF with lengths up to at least 100m