

IEEE 802.3

Opening Plenary Report

IEEE P802.3bs 400 GbE Task Force

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Reflector and Web

- To subscribe to the 400G reflector, send an email to:

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Activities Since Jul 2014 Plenary

- IEEE 802.3 Sept Interim, Kanata, ON, Canada (thanks to Ericsson!)
- Ad Hoc Calls
 - Logic
 - SMF
 - MMF
 - Electrical Interfaces

Sept Interim Summary

- 134 Attendees
- 32 Presentations
- Motions Summary
 - Move to adopt 16 x 25Gb/s and 8 x 50Gb/s as the basis for the lane rates for any optional C2C and C2M electrical interfaces. Results (y/n/a): 102 / 0 / 4
 - Move to adopt the P802.3bm C2C and C2M specifications with current values (except that the BER requirement is TBD) as a baseline draft for the 16 x 25Gb/s electrical interfaces. Results (y/n/a): 78 / 0 / 18
 - Approved informal communication to OIF
http://www.ieee802.org/3/bs/public/liaisons/IC_3bs_to_OIF_0914.pdf

Sept Interim Summary (cont)

- Strawpolls Summary

- For all SMF reach objectives, I would support:

- (A) 50G based optical solutions for all reach objectives 38
 - (B) 100G based optical solutions for all reach objectives 21
 - (C) either 50G or 100G based optical solutions for different reach objectives 42

- Straw Poll: I would support a 8x50G SMF optical solution for 10km

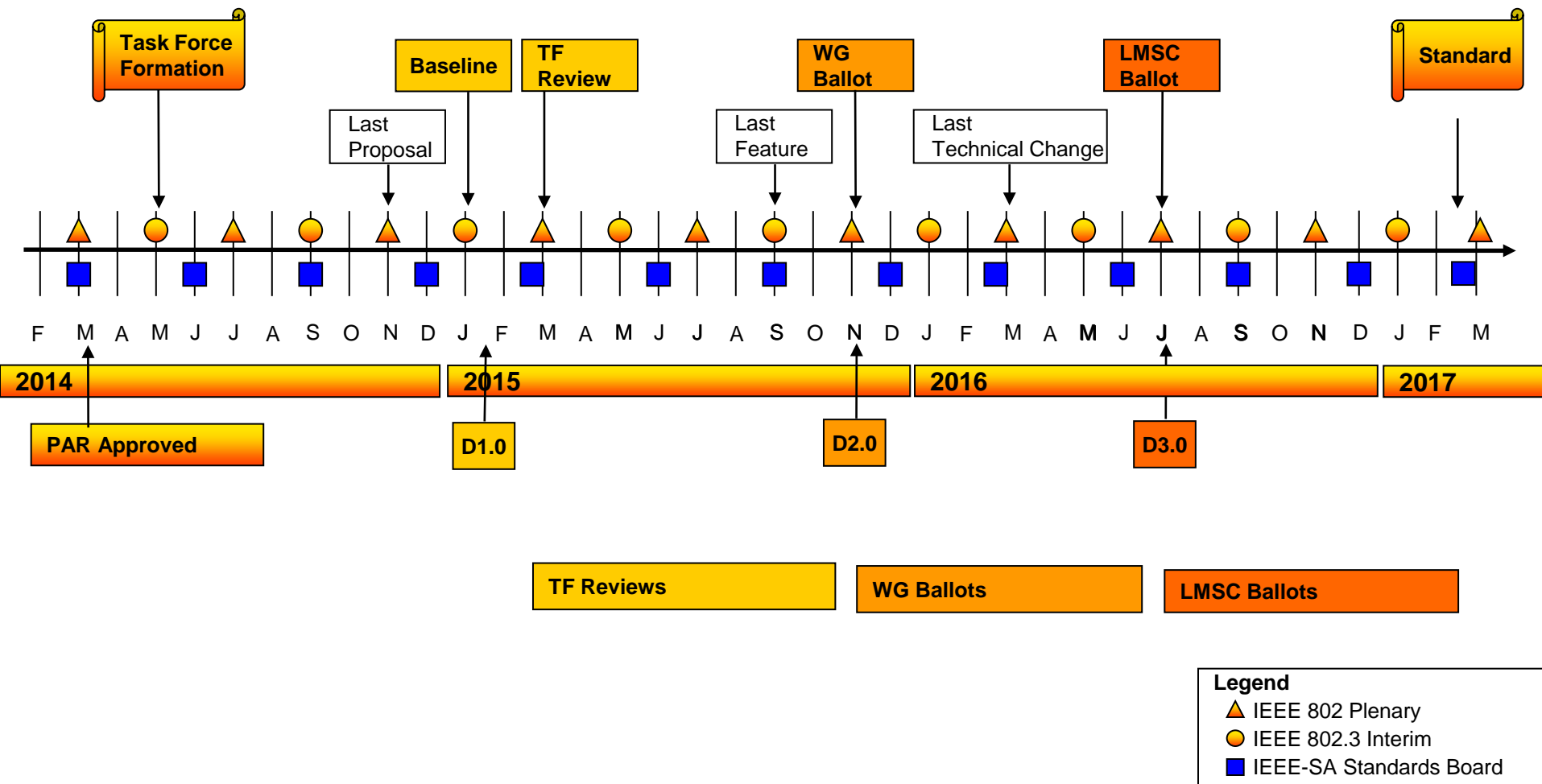
- Yes 44
 - No 22
 - Abstain 39

Ad Hoc Calls

<http://www.ieee802.org/3/bs/public/adhoc/index.shtml>

- Logic Ad Hoc
 - 10/21
- SMF Ad Hoc
 - 8/5
 - 8/19
 - 9/30
 - 10/14
- MMF Ad Hoc
 - 8/30
 - 10/17
 - 10/24
- Electrical Interfaces Ad hoc
 - 9/8 (F2F meeting @ Sept Interim)
 - 10/9

Adopted Timeline



Decisions To Date

Topic Matter	Motion	Reference Presentation
RS / CDMII	Move to adopt the baseline for the CDMII logical interface as shown in slide 5 of gustlin_3bs_03_0714.pdf .	http://www.ieee802.org/3/bs/public/14_07/gustlin_3bs_03_0714.pdf
Electrical Interfaces (C2C and C2M)	Move to adopt 16 x 25Gb/s and 8 x 50Gb/s as the basis for the lane rates for any optional C2C and C2M electrical interfaces	
	Move to adopt the P802.3bm C2C and C2M specifications with current values (except that the BER requirement is TBD) as a baseline draft for the 16 x 25Gb/s electrical interfaces	
10km SMF	Move that 10km 400GbE SMF PMD will use a duplex fiber solution.	

This week

- Last meeting for new proposals
- 50 Presentations
 - 4 Ad Hoc Reports
 - 20 Proposals
 - 26 Supporting Presentations

Goals

- Hear presentations
- Consider 2 communications (OIF, CDFP)

Thank You!