

IEEE 802.3 motions

IEEE 802 EC Teleconference

Tuesday 7th July 2020

*** ME: Item 4.01: IEEE P802.3db 100 Gb/s,
200 Gb/s, and 400 Gb/s Short Reach Fiber CSD**

IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber CSD

Motion

Approve IEEE P802.3db CSD documentation in <<https://mentor.ieee.org/802-ec/dcn/20/ec-20-0015-02-00ECieee-p802-3db-draft-csd-response.pdf>>

M: Law, S: D'Ambrosia

Y: ??, N: ?, A: ?

Working Group vote (conditional approval)

Y: 85, N: 0, A: 2

ME: Item 4.04: IEEE 802 letter to NFPA

IEEE 802 letter to NFPA

Motion

Approve <https://mentor.ieee.org/802-ec/dcn/20/ec-20-0122-00-00EC-ieee-802-letter-to-nfpa.pdf> as communication to National Fire Protection Association (NFPA), granting the IEEE LMSC chair (or his delegate) editorial license.

This approval is under LMSC OM “Procedure for coordination with other standards bodies”

M: Law, S: Zimmerman

Y: ??, N: ?, A: ?

ME: Item 4.05: IEEE P802.3cu 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength to Standards Association Ballot

IEEE P802.3cu 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength to Standards Association Ballot

Date the ballot closed

The 2nd Working Group recirculation ballot on IEEE P802.3cu 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength D2.2 closed on 30th June 2020 at 23:59 UTC-12

Vote tally

	Initial Draft D2.0			1 st Recirculation Draft D2.1			1 st Recirculation Draft D2.1			Req %
	#	%	Status	#	%	Status	#	%	Status	
Abstain	17	15	PASS	18	14	PASS	19	14	PASS	< 30
Dis with comment	11	-	-	4	-	-	1	-	-	-
Dis w/o comment	0	-	-	0	-	-	0	-	-	-
Approve	81	88	PASS	101	96	PASS	113	99	PASS	≥ 75
Ballots returned	109	61	PASS	123	69	PASS	133	75	PASS	> 50
Voters	177	-	-	177	-	-	177	-	-	-
Comments	122 ^{Nt1}	-	-	33	-	-	21 ^{Nt2}	-	-	-

Note 1: Two comments were received after the close of ballot; Note 2: All comments withdrawn

IEEE P802.3cu 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength to Standards Association Ballot

8 unsatisfied “TR” comments from 1 commenter

<https://mentor.ieee.org/802-ec/dcn/20/ec-20-0129-00-00EC-ieee-p802-3cu-unsatisfied-wg-comments.pdf>

The unsatisfied comments are associated with the two optical PMD clauses.

- Clause 140: 100GBASE-FR1 and 100GBASE-LR1 SMF PMDs
- Clause 151: 400GBASE-FR4 and 400GBASE-LR4-6 SMF PMDs

With the increasing industry experience with 100 Gb/s per wavelength SMF specifications and product development, IEEE P802.3cu has had proposals to update or improve methodologies for specification (compared to IEEE 802.3bs and IEEE 802.3cd standards). These changes were rigorously tested for consensus before adopting. The unsatisfied comments are associated with comments not aligned with the consensus position that was achieved.

Topic	# Unsatisfied Comments	More information
Removal of TDECQ-10logCeq parameter	5	Numerous Straw Polls and motions since January to reach current situation
Addition of overshoot parameter and test methodology	2	Numerous Straw polls and motions since January to reach current situation
Proposed name and limit change to Tx pk-to-pk power	1	Related to overshoot methodology change. Proposed change had no supporting data and no consensus existed to make change.

IEEE P802.3cu 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength to Standards Association Ballot

Motion

Approve sending IEEE P802.3cu 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength to Standards Association ballot

Approve CSD documentation in <https://mentor.ieee.org/802-ec/dcn/19/ec-19-0062-00-ACSD-p802-3cu.pdf>

M: Law, S: D'Ambrosia

Y: ??, N: ?, A: ?

Working Group vote (conditional approval)

Y: 113, N: 0, A: 2