

IEEE 802.3 motions for consent agenda

IEEE 802 EC

Tuesday 1st December 2020

*ME **X.XXX**: IEEE P802.3cp Bidirectional 10 Gb/s,
25 Gb/s and 50 Gb/s Optical Access PHYs to
Standards Association ballot (conditional)

IEEE P802.3cp Bidirectional 10 Gb/s, 25 Gb/s and 50 Gb/s Optical Access PHYs to Standards Association ballot (conditional)

Date the ballot closed

The 2nd Working Group recirculation] ballot on IEEE P802.3cp draft D2.2 closed on 24th October 2020 at 23:59 AoE

Vote tally

	Initial Draft D2.0			1 st Recirculation Draft D2.1			2 nd Recirculation Draft D2.2			Req %
	#	%	Status	#	%	Status	#	%	Status	
Abstain	16	14	PASS	18	14	PASS	19	13	PASS	< 30
Dis with comment	13	-	-	10	-	-	6	-	-	-
Dis w/o comment	0	-	-	0	-	-	0	-	-	-
Approve	85	87	PASS	99	91	PASS	121	95	PASS	≥ 75
Ballots returned	114	58	PASS	127	65	PASS	146	75	PASS	≥ 50
Voters	195	-	-	195	-	-	195	-	-	-
Comments	238	-	-	70	-	-	31	-	-	-

IEEE P802.3cp Bidirectional 10 Gb/s, 25 Gb/s and 50 Gb/s Optical Access PHYs to Standards Association ballot (conditional)

Comments that support the remaining disapprove votes and responses

9 unsatisfied TR comments and 1 ER comment from 3 Disapprove voters

See <https://ieee802.org/3/cp/comments/p802d3cp_D2p0+p1+p2_Unsatisfied_byDraftCommentID.pdf>

The other 3 Disapprove voters have indicated satisfaction with all comment responses

Summary:

4 comments (D2.0 #94, 96, 97, and 98) have to do with using indirect references (citing clause x that in turn references clause y). These were accepted in principle, and the draft was modified to fix the problem. Commenter has not had a chance to review these changes.

1 comment (D2.0 #237) objects to a sentence in clause 157.2.4 that was copied from Clause 105.3.4. As the sentence exists in the approved standard, the group rejected the comment.

1 comment (D2.0 #238) asks questions about the maximum and minimum delay but has a nonspecific remedy. The comment was rejected with a request to provide additional information. None was had for two subsequent drafts.

Note: Clause 12 'Procedure for conditional approval to forward a draft standard' of IEEE 802 LMSC Operations Manual includes the text 'Where a voter has accepted some comment resolutions and rejected others, only the comments of which the voter has not accepted resolution should be presented.'

IEEE P802.3cp Bidirectional 10 Gb/s, 25 Gb/s and 50 Gb/s Optical Access PHYs to Standards Association ballot (conditional)

Summary (continued):

2 comments (D2.1 #44 and D2.2 #4) object to material in clause 160 that is repeated from clause 139. It seems that the recent style of derivative clauses is to repeat the material and then modify it to suit, and so the comments were rejected.

1 comment (D2.1 #37) concerns the optical specification method used for 10GBASE-BR20 (VECP vs. SEC). This comment was rejected, however, a similar comment in D2.2 was accepted, so this comment may be superseded.

1 comment (D2.2 #14) requested the reinstatement of the $K=10\log_{10}(C_{eq})$ spec, and the addition of over/undershoot and Tx power excursion max specs. For the K spec, .3cp follows .3cu, which removed the K spec. For the over/undershoot specs, there was no justification for the need of these specs. The comment was rejected.

IEEE P802.3cp Bidirectional 10 Gb/s, 25 Gb/s and 50 Gb/s Optical Access PHYs to Standards Association ballot (conditional)

Recirculation ballot and resolution meeting schedule

3 rd Working Group recirculation ballot day one	23 rd November 2020
3 rd Working Group recirculation ballot close	7 th December 2020
IEEE P802.3cp comment resolution meeting	11 th December 2020
4 th Working Group recirculation ballot day one	18 th December 2020
4 th Working Group recirculation ballot close	8 th January 2021
IEEE P802.3cp comment resolution meeting	19 th January 2021

Note: 4th Working Group recirculation ballot only if required

IEEE P802.3cp Bidirectional 10 Gb/s, 25 Gb/s and 50 Gb/s Optical Access PHYs to Standards Association ballot (conditional)

Motion

Conditionally approve sending IEEE P802.3cp to Standards Association Ballot

Confirm the CSD for IEEE P802.3cp in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0245-00-ACSD-p802-3cp.pdf>

M: Law S: D'Ambrosia

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

Working Group vote

Y: 142, N: 0, A: 11

*ME **X.XXX**: IEEE P802.3cr Isolation
(Maintenance #14) to RevCom

IEEE P802.3cr Isolation (Maintenance #14) to RevCom

Date the ballot closed

The third Standards Association recirculation ballot on IEEE P802.3cr draft D3.3 closed on 10th November 2020 at 23:59 AoE

Vote tally

	Initial Draft D3.0			1 st Recirculation Draft D3.1			2 nd Recirculation Draft D3.2			3 rd Recirculation Draft D3.3			Req %
	#	%	Status	#	%	Status	#	%	Status	#	%	Status	
Abstain	1	1	PASS	2	3	PASS	2	2	PASS	2	2	PASS	< 30
Dis with comment	1	-	-	2	-	-	2	-	-	1	-	-	-
Dis w/o comment	0	-	-	0	-	-	0	-	-	0	-	-	-
Approve	58	98	PASS	61	96	PASS	63	96	PASS	67	97	PASS	≥ 75
Ballots returned	60	77	PASS	65	84	PASS	67	87	PASS	70	90	PASS	≥ 75
Voters	77	-	-	77	-	-	77	-	-	77	-	-	-
Comments	49	-	-	17	-	-	13	-	-	0	-	-	-
Public comments	0	-	-										

IEEE P802.3cr Isolation (Maintenance #14) to RevCom

Comments that support the remaining disapprove votes and responses

1 unsatisfied TR comment from 1 commenter

See https://www.ieee802.org/3/cr/Comments/D3.1_Unsatisfied.pdf

Summary:

The 1 unsatisfied TR comment relates to the applicability of isolation requirements for backplane PHYs.

“It is unclear to me what the phrase "(including isolation requirements)" in these clauses of the base document refers to, since the IEC 60950-1 is not publicly available. If it implied something like the content of J.1, then it is a mistake that should be corrected in this project.”

Response:

The CRG disagrees with the commenter. The deleted text includes a parenthetical expression "including isolation requirements" which includes all sections of Annex J.

IEEE P802.3cr Isolation (Maintenance #14) to RevCom

Motion

Approve sending IEEE P802.3cr Isolation (Maintenance #14) to RevCom

M: Law S: D'Ambrosia

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

Working Group vote

Y: 121, N: 1, A: 9

*ME **X.XXX**: IEEE P802.3cu 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength to RevCom (conditional)

IEEE P802.3cu 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength to RevCom (conditional)

Date the ballot closed

The first Standards Association recirculation ballot on IEEE P802.3cu draft D3.1 closed on 30th October 2020 at 23:59 AoE

Vote tally

	Initial Draft D3.0			1 st Recirculation Draft D3.1			Req %
	#	%	Status	#	%	Status	
Abstain	3	3	PASS	3	3	PASS	< 30
Dis with comment	3	-	-	2	-	-	-
Dis w/o comment	0	-	-	0	-	-	-
Approve	78	96	PASS	82	97	PASS	≥ 75
Ballots returned	84	81	PASS	87	84	PASS	≥ 75
Voters	103	-	-	103	-	-	-
Comments	91	-	-	20	-	-	-
Public comments	0	-	-				

IEEE P802.3cu 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength to RevCom (conditional)

Comments that support the remaining disapprove votes and responses

3 unsatisfied “TR” comments from 1 commenter

See http://www.ieee802.org/3/cu/comments/8023cu_D30_D31_comment_unsatisfied_by_ID.pdf

The other Disapprove voter has indicated satisfaction with all comment responses

Summary:

The unsatisfied comments are associated with the one of the optical PMD clauses.

CI 140: 100GBASE-FR1 and 100GBASE-LR1 SMF PMDs

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

Topic	# Unsatisfied Comments	More information
Reinstatement of TDECQ-10logCeq parameter	3	This parameter was removed during WG ballot and was the subject of 4 unresolved comments then. Task Force consensus was again assessed and there was no consensus to make a change.

IEEE P802.3cu 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength to RevCom (conditional)

Recirculation ballot and resolution meeting schedule

2 nd Standards Association recirculation ballot day one	13 th November 2020	Currently
2 nd Standards Association recirculation ballot close	28 th November 2020	Underway
IEEE P802.3cu comment resolution meeting	2 nd December 2020	
3 rd Standards Association recirculation ballot day one	5 th December 2020	
RevCom submittal deadline	11 th December 2020	
3 rd Standards Association recirculation ballot close	20 th December 2020	
IEEE P802.3cu comment resolution meeting	Week of 4 th January 2021	
RevCom meeting	26 th January 2021	

Note: 3rd Standards Association recirculation ballot only if required

IEEE P802.3cu 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength to RevCom (conditional)

Motion

Conditionally approve sending IEEE P802.3cu to RevCom

Confirm the CSD for IEEE P802.3cu 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

Y: 136, N: 1, A: 5

*ME **X.XXX**: Appointment of IEEE 802.3
liaison officer to ITU-T SG5

Appointment of IEEE 802.3 liaison officer to ITU-T SG5

Motion

Confirm the appointment of David Tremblay as an IEEE 802.3 liaison officer to serve as the IEEE 802.3 Liaison officer to ITU-T SG5

Approve <<https://mentor.ieee.org/802-ec/dcn/20/ec-20-0242-00-00EC-appointment-of-a-ieee-802-3-liaison-officer-to-itu-t-sg5.pdf>> to inform ITU-T SG5 of appointment of IEEE 802.3 liaison officer to ITU-T SG5

M: Law S: D'Ambrosia

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

Working Group vote

Y: 123, N: 0, A: 4