

IEEE 802.3 motions for consent agenda

IEEE 802 EC

Tuesday 1 February 2022

4. **???** ME*: IEEE P802.3db 100 Gb/s, 200 Gb/s,
and 400 Gb/s Short Reach Fiber to Standards
Association ballot (Conditional)

IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber to Standards Association ballot (Conditional)

Date the ballot closed

The first Working Group recirculation ballot of IEEE P802.3db draft D2.1 closed on 30 December 2021 at 23:59 AoE

Vote tally

	Initial Draft D2.0			1 st Recirculation Draft D2.1			Req %
	#	%	Status	#	%	Status	
Abstain	19	12	PASS	17	9	PASS	< 30
Dis with comment	18	-	-	4	-	-	-
Dis w/o comment	0	-	-	0	-	-	-
Approve	122	87	PASS	150	97	PASS	≥ 75
Ballots returned	159	70	PASS	171	76	PASS	>50
Voters	225	-	-	225	-	-	-
Comments	250	-	-	50	-	-	-

IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber to Standards Association ballot (Conditional)

Comments that support the remaining disapprove votes and responses

Six unsatisfied TR comments from three disapprove voters

See <<https://mentor.ieee.org/802-ec/dcn/22/ec-22-0012-01-00EC-ieee-p802-3db-unsatisfied-comments.pdf>>

Summary:

- 1 TR: Request to add a specification for K' to the transmit characteristics, Table 167-7, where K' is a metric intended to quantify the non-equalizable component of a signal at the receiver
- 2 TR: Adopt the Minimum Mean Square Error (MMSE) method for equalizer optimization in Transmitter Dispersion Eye Closure – quaternary (TDECQ) to reduce test time
- 1 TR: Replace reference to IEC 60950-1 with a reference to Annex J.2
- 1 TR: Replace reference to valid 100GBASE-ZV1/SR1 etc. PMD signal with a reference to a PCS signals, 100GBASE-R with Clause 91 RS-FEC or a 200GBASE-R, or 400GBASE-R signal
- 1 TR: Remove duplicate jitter mask from Clause 167

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 P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber to Standards Association ballot (Conditional)

Schedule

2nd Working Group recirculation ballot (underway) day one	1 February 2022
2nd Working Group recirculation ballot close	16 February 2022
IEEE P802.3dd comment resolution meeting	22-23 February 2022

IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber to Standards Association ballot (Conditional)

Motion:

Conditionally approve sending IEEE P802.3dd to Standards Association ballot

Confirm the CSD for IEEE P802.3db in <<https://mentor.ieee.org/802-ec/dcn/20/ec-20-0097-01-ACSD-p802-3db.pdf>>

M: Law S: D'Ambrosia

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

Working Group vote:

Conditional approval: Y: 87, N: 0, A: 2

CSD confirmation: Y: 88, N: 0, A: 2

4. ??? ME*: Reply to ballot comments on ISO/IEC JTC1/SC6 adoption of IEEE Std 802.3cb-2018, IEEE Std 802.3bt-2018, IEEE Std 802.3cd- 2018, IEEE Std 802.3cg- 2019 and IEEE Std 802.3ca-2020

Reply to ballot comments on ISO/IEC JTC1/SC6 adoptions

Motion:

Approve the liaison letter from the IEEE 802.3 working group to ISO/IEC JTC1 SC6 in respect to the comments on the ISO/IEC JTC1/SC6 adoption of IEEE Std 802.3cb-2018, IEEE Std 802.3bt-2018, IEEE Std 802.3cd- 2018, IEEE Std 802.3cg- 2019 and IEEE Std 802.3ca-2020 at the URL <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0015-00-00EC-reply-comments-on-iso-iec-jtc1-sc6-ieee-802-3-adoptions.pdf> granting the IEEE 802.3 Chair (or his delegate) editorial license

M: Law S: D'Ambrosia

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

Working Group vote

Y: 112, N: 0, A: 0

4. ??? ME*: Request for Category B liaison with IEC TC64 Electrical installations and protection against electric shock

Request for Category B liaison with IEC TC64 Electrical installations and protection against electric shock

Motion:

Approve <<https://mentor.ieee.org/802-ec/dcn/22/ec-22-0014-00-00EC-request-for-category-b-liaison-with-iec-tc64.pdf>> to request establishment of an IEEE 802.3 Category B Liaison with IEC TC 64

Confirm the appointment of David Law as an IEEE 802.3 liaison officer to serve as the IEEE 802.3 Category B Liaison representative to IEC TC 64

M: Zimmerman S: D'Ambrosia

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

Working Group vote

Y: 86, N: 0, A: 3

4. **???** II*: IEEE 802.3 liaison reply to ITU-T SG15:
100 Gb/s, 200 Gb/s and 400 Gb/s Bidirectional
Access Optics

IEEE 802.3 liaison reply to ITU-T SG15: 100 Gb/s, 200 Gb/s and 400 Gb/s Bidirectional Access Optics

The IEEE 802.3 liaison letter reply to ITU T SG15 regarding 100 Gb/s, 200 Gb/s and 400 Gb/s Bidirectional Access Optics can be accessed at the URL <<https://mentor.ieee.org/802-ec/dcn/22/ec-22-0013-00-00EC-liaison-reply-on-greater-than-50g-bidirectional-optics.pdf>>

Working Group vote to approve letter

Y: 96, N: 0, A: 1