IEEE 802.3 motions

Closing IEEE 802 EC
Friday 19th July 2019
ME 5.083: IEEE P802.3cm 400 Gb/s over Multimode Fiber to Standards Association ballot
IEEE P802.3cm 400 Gb/s over Multimode Fiber to Standards Association ballot

Date the ballot closed
The 1st Working Group recirculation ballot on IEEE P802.3cm draft D2.1 closed on 18th June 2018 at 23:59 AoE

Vote tally

<table>
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<tr>
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<th>Initial Draft D2.0</th>
<th>1st Recirculation Draft D2.1</th>
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IEEE P802.3cm 400 Gb/s over Multimode Fiber to Standards Association ballot

Comments that support the remaining disapprove votes and WG responses

7 unsatisfied TR comments and 1 unsatisfied ER comment from 2 commenters

See <https://mentor.ieee.org/802-ec/dcn/19/ec-19-0130-00-00EC-ieee-p802-3cm-working-group-ballot-unsatisfied-comments.pdf>

The 7 unsatisfied TR comments relate to the optical TDECQ (Transmitter and Dispersion Eye Closure - quaternary) measurement methodology and associated link budget

The TDECQ methodology specified in IEEE P802.3cm is consistent with that specified in IEEE Std 802.3cd-2018, in particular Clause 138 that specifies 50 Gb/s, 100 Gb/s and 200 Gb/s over Multimode fiber.

The 1 unsatisfied ER comment requests a change to the listing of the PMD types

The style of listing the PMD types in IEEE P802.3cm is consistent with the style used in many IEEE Std 802.3 Clauses, for instance 87, 88, 114 and 138
IEEE P802.3cm 400 Gb/s over Multimode Fiber to Standards Association ballot

Changes to draft prior to Standards Association Ballot

Change the draft number to 3.0
Change the front matter to reference that the draft is for Standards Association ballot.
Added the summary for IEEE Std 802.3cg-20xx as Amendment 4 after the summary for IEEE Std 802.3cd-2018
Added the summary for IEEE Std 802.3cq-20xx with no amendment number after the summary for IEEE Std 802.3cg-20xx
Replaced regular space with non-breaking space in “100 m”
IEEE P802.3cm 400 Gb/s over Multimode Fiber to Standards Association ballot

Motion

Approve sending IEEE P802.3cm 400 Gb/s over Multimode Fiber to Standards Association ballot to Standards Association ballot. Confirm the CSD for IEEE P802.3cm in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0078-00-ACSD-802-3cm.pdf>.

M: Law  S: D'Ambrosia
Y: ??, N: ??, A: ??

Working Group vote
Y: 88, N: 1, A: 10
ME 5.084: IEEE P802.3cq Power over Ethernet over 2 Pairs (Maintenance #13) to Standards Association ballot
IEEE P802.3cq Power over Ethernet over 2 Pairs (Maintenance #13) to Standards Association ballot

Date the ballot closed

The 1st Working Group recirculation ballot on IEEE P802.3cq draft D2.1 closed on 18th June 2019 at 23:59 AoE

Vote Tally

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IEEE P802.3cq Power over Ethernet over 2 Pairs (Maintenance #13) to Standards Association ballot

Comments that support the remaining disapprove votes and WG responses
None
Disapprove commenters have all indicated satisfaction with the responses to their required comments

Changes to draft prior to Standards Association Ballot
Change the draft number to 3.0
Change the front matter to reference that the draft is for Standards Association ballot.
Correct typo (period in middle of sentence)
Correct typo (spurious ‘u’)
Correct table cross-reference Error
Correct copyright year
Change ‘201x’ to ‘2019’
Correcting frontmatter reference to another in ballot IEEE 802.3 amendment
Corrected "operation on a single balanced pair copper cable" to "operation over a single balanced pair of conductors".
IEEE P802.3cq Power over Ethernet over 2 Pairs (Maintenance #13) to Standards Association ballot

Motion

Approve sending IEEE P802.3cq Power over Ethernet over 2 Pairs (Maintenance #13) to Standards Association ballot.

M: Law  S: D'Ambrosia
Y: ??, N: ??, A: ??

Working Group vote
Y: 86, N: 0, A: 0
MI 6.092: IEEE 802.3 Automotive optical Multi-Gig Study Group
IEEE 802.3 Automotive optical Multi-Gig Study Group

Motion
Approve the formation of an IEEE 802.3 Automotive optical Multi-Gig Study Group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for Multi Gigabit Automotive Optical PHY

M: Law  S: D’Ambrosia
Y: ??, N: ??, A: ??

104 CFI attendees, 37 interested in participating

Working Group vote
Y: 112, N: 0, A: 3
MI 6.093: IEEE 802.3 Improving PTP Timestamping Accuracy on Ethernet Interfaces Study Group
IEEE 802.3 Improving PTP Timestamping Accuracy on Ethernet Interfaces Study Group

Motion

Approve the formation of an IEEE 802.3 Improving Precision Time Protocol (PTP) Timestamping Accuracy on Ethernet Interfaces Study Group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses to address high accuracy time transport for IEEE 802.3 Ethernet

M: Law S: D’Ambrosia
Y: ??, N: ??, A: ??

92 CFI attendees, 24 interested in participating

Working Group vote
Y: 106, N: 0, A: 4
MI 6.094: IEEE 802.3 10 Mb/s Single Pair Ethernet Multidrop Enhancements Study Group
IEEE 802.3 10 Mb/s Single Pair Ethernet Multidrop Enhancements Study Group

Motion

Approve the formation of an IEEE 802.3 10 Mb/s Single Pair Ethernet Multidrop Enhancements study group to consider development of a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for 10 Mb/s Single Pair Ethernet Multidrop Enhancements.

M: Law  S: D’Ambrosia
Y: ??, N: ??, A: ??

79 CFI attendees, 31 interested in participating

Working Group vote
Y: 74, N: 3, A: 24