IEEE 802.3 motions for consent agenda

IEEE 802 EC
Friday 19 November 2021
5.043 ME*: IEEE P802.3cs Increased-reach Ethernet optical subscriber access (Super-PON) to Standards Association ballot
IEEE P802.3cs Increased-reach Ethernet optical subscriber access (Super-PON) to Standards Association ballot

Date the ballot closed

The fourth Working Group recirculation ballot on IEEE P802.3cs draft D2.4 closed on 28 October 2021 at 23:59 AoE

Vote tally

<table>
<thead>
<tr>
<th></th>
<th>Initial Draft D2.0</th>
<th>1\textsuperscript{st} Recirculation Draft D2.1</th>
<th>2\textsuperscript{nd} Recirculation Draft D2.2</th>
<th>3\textsuperscript{rd} Recirculation Draft D2.3</th>
<th>4\textsuperscript{th} Recirculation Draft D2.4</th>
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<td>Status</td>
<td># % Status</td>
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<tr>
<td>Abstain</td>
<td>38 25</td>
<td>PASS</td>
<td>35 21 PASS</td>
<td>39 21 PASS</td>
<td>37 20 PASS</td>
<td>39 20  PASS &lt; 30</td>
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<tr>
<td>Dis with comment</td>
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<td>4 - -</td>
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<td>0 - -</td>
<td>0 - - -</td>
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<tr>
<td>Approve</td>
<td>105 94</td>
<td>PASS</td>
<td>121 96 PASS</td>
<td>142 97 PASS</td>
<td>148 97 PASS</td>
<td>153 100 PASS ≥ 75</td>
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<tr>
<td>Ballots returned</td>
<td>149 69</td>
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<td>160 75 PASS</td>
<td>185 87 PASS</td>
<td>189 89 PASS</td>
<td>192 90 PASS &gt;50</td>
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<td>Voters</td>
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<td>88 -</td>
<td>11 -</td>
<td>16 -</td>
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</table>

Version 1.6
IEEE P802.3cs Increased-reach Ethernet optical subscriber access (Super-PON) to Standards Association ballot

Comments that support the remaining disapprove votes and responses

None, the draft has 100% approval

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
Change the front matter to reflect project will be amendment to under development revision
Change editing instructions to reflect project will be amendment to under development revision
Remove one instance of single quotes around the now defined term "black link"

(i.e., change "...the 'black link' approach" to "...the black link approach ...")
IEEE P802.3cs Increased-reach Ethernet optical subscriber access (Super-PON) to Standards Association ballot

Motion
Approve sending IEEE P802.3cs Increased-reach Ethernet optical subscriber access (Super-PON) to Standards Association ballot.

Confirm the CSD for IEEE P802.3cs in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0246-00-ACSD-p802-3cs.pdf>

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

Working Group vote
Y: TBD, N: TBD, A: TBD
5.044 ME*: IEEE P802.3 (IEEE 802.3dc) Maintenance #16 (Revision) to Standards Association ballot (Conditional)
IEEE P802.3 (IEEE 802.3dc) Maintenance #16 (Revision) to Standards Association ballot (Conditional)

Date the ballot closed

The first Working Group recirculation ballot on IEEE P802.3 (IEEE 802.3dc) draft D2.1 closed on 30 October 2021 at 23:59 AoE

Vote tally

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<th>Req %</th>
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<td>12</td>
<td>PASS</td>
</tr>
<tr>
<td>Dis with comment</td>
<td>12</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Dis w/o comment</td>
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<tr>
<td>Approve</td>
<td>127</td>
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<td>PASS</td>
</tr>
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<td>69</td>
<td>PASS</td>
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<tr>
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</tbody>
</table>

* Includes 3 late comments.
IEEE P802.3 (IEEE 802.3dc) Maintenance #16 (Revision) to Standards Association ballot (Conditional)

Comments that support the remaining disapprove votes and responses

Seven unsatisfied TR comments and two ER comments from three disapprove voters

See <https://www.ieee802.org/3/dc/comments/P8023_D2p1_D2p0_comments_unsatisfied.pdf>

Summary:

Draft 2.1 #12: Reference points for DWDM (Dense Wavelength Division Multiplexing) channel differ from some other optical channels

The DWDM channel reference points are used consistently in the Physical Medium Dependent clause

Draft 2.1 #15: Clarify which PMDs, as listed in a PMA (Physical Medium Attachment sublayer) clause, use the PMD control function

Reference to the PMD clause clarifies whether or not the control function is used

Draft 2.0 #35: Use space as a separator for hexadecimal numbers that are not MAC addresses

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 P802.3 (IEEE 802.3dc) Maintenance #16 (Revision) to Standards Association ballot (Conditional)

Summary, continued

Draft 2.0 #38, #43: Eliminate notation used to shorten strings of repeated hexadecimal values
   No consensus to make the proposed changes to hexadecimal notation
Draft 2.0 #41, #42: PDF rendering issue
   This issue was addressed in Draft 2.1
Draft 2.0 #104, #105: Add receiver jitter tolerance test point
   No evidence provided that the additional test point is needed to ensure interoperability and justify the added test time (a similar comment against IEEE P802.3ck was also rejected)

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 P802.3 (IEEE 802.3dc) Maintenance #16 (Revision) to Standards Association ballot (Conditional)

Schedule

2nd Working Group recirculation ballot (underway) day one 13 November 2021
2nd Working Group recirculation ballot close 27 November 2021
IEEE P802.3 (IEEE 802.3dc) comment resolution meeting 1 December 2021
3rd Working Group recirculation ballot day one 2 December 2021
3rd Working Group recirculation ballot close 16 December 2021
IEEE P802.3 (IEEE 802.3dc) comment resolution meeting 20 December 2021

Note: 3rd Working Group recirculation ballot only if required
IEEE P802.3 (IEEE 802.3dc) Maintenance #16 (Revision) to Standards Association ballot (Conditional)

Motion:
Conditionally approve sending IEEE P802.3 (IEEE 802.3dc) to Standards Association ballot

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

Working Group vote
Y: TBD, N: TBD, A: TBD
5.04 ME*: IEEE P802.3dd Power over Data Lines of Single Pair Ethernet (Maintenance #17) to Standards Association ballot (Conditional)
IEEE P802.3dd Power over Data Lines of Single Pair Ethernet (Maintenance #17) to Standards Association ballot (Conditional)

Date the ballot closed

The initial Working Group ballot on IEEE P802.3dd draft D2.0 closed on 8 November 2021 at 23:59 AoE

Current vote tally

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<th>Status</th>
<th>#</th>
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<th>Req %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abstain</td>
<td>23</td>
<td>17</td>
<td>&lt; 30</td>
</tr>
<tr>
<td>Dis with comment</td>
<td>0</td>
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</tr>
<tr>
<td>Dis w/o comment</td>
<td>0</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Approve</td>
<td>111</td>
<td>100</td>
<td>≥ 75</td>
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<tr>
<td>Ballots returned</td>
<td>134</td>
<td>59</td>
<td>&gt;50</td>
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<tr>
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<tr>
<td>Comments</td>
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<td>-</td>
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</tr>
</tbody>
</table>
IEEE P802.3dd Power over Data Lines of Single Pair Ethernet (Maintenance #17) to Standards Association ballot (Conditional)

Comments that support the remaining disapprove votes and responses

None, the draft has 100% approval

Schedule

1st Working Group recirculation ballot day one  
30 November 2021

1st Working Group recirculation ballot close  
15 December 2021

IEEE P802.3dd comment resolution meeting  
4 January 2022

2nd Working Group recirculation ballot day one  
7 January 2022

2nd Working Group recirculation ballot close  
22 January 2022

IEEE P802.3dd comment resolution meeting  
25 January 2022

Note: 2nd Working Group recirculation ballot only if required
IEEE P802.3dd Power over Data Lines of Single Pair Ethernet (Maintenance #17) to Standards Association ballot (Conditional)

Motion:

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

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

Working Group vote
Y: TBD, N: TBD, A: TBD
6.011 MI*: IEEE 802.3 Beyond 400 Gb/s Ethernet Study Group (Third rechartering)
IEEE 802.3 Beyond 400 Gb/s Ethernet Study Group (Third rechartering)

Motion
Grant the 3rd rechartering of the IEEE 802.3 Beyond 400 Gb/s Ethernet Study Group

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

Working Group vote
Y: TBD, N: TBD, A: TBD
6.012 MI*:IEEE 802.3 Greater than 10 Mb/s Long-Reach Single Pair Ethernet Study Group (First re-chartering)
IEEE 802.3 Greater than 10 Mb/s Long-Reach Single Pair Ethernet Study Group (First re-chartering)

Motion
Grant the 1st rechartering of the IEEE 802.3 Greater than 10 Mb/s Long-Reach Single Pair Ethernet Study Group

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

Working Group vote
Y: TBD, N: TBD, A: TBD
IEEE 802.3 liaison letter reply to ITU-T SG15 on OTN support of Ethernet clients beyond 400 Gb/s

Approve the liaison letter from the IEEE 802.3 working group to ISO/IEC JTC1 SC6 in respect to the comments on ISO/IEC JTC1/SC6 adoption of IEEE Std 802.3cn-2019, IEEE Std 802.3cq-2020, IEEE Std 802.3cm-2020, IEEE Std 802.3ch-2020, IEEE Std 802.3.2-2019, IEEE Std 802.3cv-2021, IEEE Std 802.3cp-2021 and IEEE Std 802.3ct-2021 at the URL <https://mentor.ieee.org/802-ec/dcn/21/ec-21-0278-00-00EC-liaison-reply-to-china-nb-comments-on-ballots.pdf> granting the IEEE 802.3 Chair (or his delegate) editorial license

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

Working Group vote
Y: TBD, N: TBD, A: TBD