IEEE 802.3 motions for consent agenda

IEEE 802 EC
Friday 18 November 2022
X.XXX ME*: Appointment of IEEE 802.3 Category A Liaison representative to ISO TC 22/SC 32
Appointment of IEEE 802.3 Category A Liaison representative to ISO TC 22/SC 32

Motion

Confirm the appointment of Carlos Pardo as the IEEE 802.3 Category A Liaison representative to ISO TC 22/SC 32 Electrical and electronic components and general system aspects

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

Working Group vote
Y: XX N: XX, A: XX
X.XXX ME*: Nomination of designated expert for the expert review of the IANA-MAU-MIB
Nomination of designated expert for the expert review of the IANA-MAU-MIB

Motion

Confirm the nomination of Marek Hajduczenia to IETF Internet Assigned Numbers Authority (IANA) as a designated expert for the expert review of the IANA-MAU-MIB

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

Working Group vote

Y: XX N: XX, A: XX
ME*: Submission of IEEE Std 802.3-2022 to ISO/IEC JTC 1/SC 6 for adoption
Submission of IEEE 802.3 standard to ISO/IEC JTC 1/SC 6 for information under the PSDO agreement

Motion

Approve submission of IEEE Std 802.3-2022 IEEE Standard for Ethernet to ISO/IEC JTC 1/SC 6 for adoption under the PSDO agreement

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

Working Group vote
Y: XX N: XX, A: XX
X.XXX ME*: Liaison of IEEE Std 802.3dd-2022, IEEE Std 802.3cs-2022, IEEE Std 802.3db-2022, and IEEE Std 802.3ck-2022 to ISO/IEC JTC 1/SC 6 for information under the PSDO agreement
Liaison of IEEE 802.3 standards to ISO/IEC JTC 1/SC 6 for information under the PSDO agreement

Motion


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

Working Group vote
Y: XX N: XX, A: XX
ME*: IEEE P802.3cx Improved PTP timestamping accuracy to RevCom (conditional)
IEEE P802.3cx Improved PTP timestamping accuracy to RevCom (conditional)

Date ballot closed:
The 1st Standards Association recirculation ballot of IEEE P802.3cx Improved PTP timestamping accuracy closed on 9 November 2022 at 23:59 UTC-12

Vote tally:

<table>
<thead>
<tr>
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<th>Initial Draft D3.0</th>
<th>1st Recirculation Draft D3.1</th>
<th>Req %</th>
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</table>
IEEE P802.3cx Improved PTP timestamping accuracy to RevCom (conditional)

Comments that support the remaining disapprove votes and responses:

- 3 disapprove voters have indicated satisfaction with all MBS comments but not flipped vote
- 3 unsatisfied TR and 1 unsatisfied ER from one disapprove voter

See <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0243-00-00EC-ieee-p802-3cx-unsatisfied-comments.pdf>

Summary:

I-74: AIP, changed Figure 90-2 to move TX_NUM_BIT_CHANGE/RX_NUM_BIT_CHANGE out of scope of xMII
I-78: AIP, rewording to emphasize optional character of TX_NUM_BIT_CHANGE/RX_NUM_BIT_CHANGE signals
I-79: AIP, rewording from “high accuracy” to “higher accuracy”
I-90: AIP, changed "mean PCS transmit data delay" to "mean PHY transmit data delay", as suggested by commenter

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 P802.3cx Improved PTP timestamping accuracy to RevCom (conditional)

Meeting schedule

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tr>
<td>2nd Standards Association recirculation ballot day one</td>
<td>23 November 2022</td>
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<td>2nd Standards Association recirculation ballot close</td>
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<td>IEEE P802.3cx comment resolution meeting</td>
<td>12 December 2022</td>
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<td>3rd Standards Association recirculation ballot day one</td>
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<td>20 December 2022</td>
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<td>3rd Standards Association recirculation ballot close</td>
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<td>IEEE P802.3cx comment resolution meeting</td>
<td>17 January 2023</td>
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<tr>
<td>RevCom teleconference</td>
<td>30 January 2023</td>
</tr>
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Note: 3rd Standards Association recirculation ballot only if required
IEEE P802.3cx Improved PTP timestamping accuracy to RevCom (conditional)

Motion
Conditionally approve sending IEEE P802.3cx to RevCom

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

Working Group vote
Y: XX  N: XX, A: XX
X.XXX ME*: IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet to Standards Association ballot
IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet to Standards Association ballot

Date ballot closed:

The 2\textsuperscript{nd} Working Group recirculation ballot of IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet closed on 7 October 2022 at 23:59 UTC-12

Vote tally:

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IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet to Standards Association ballot

Comments that support the remaining disapprove votes and responses:

None, the approval rate is 100%.

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 P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet to Standards Association ballot

Motion
Approve sending IEEE P802.3cy to Standards Association ballot
Confirm the CSD for IEEE P802.3cy in <https://mentor.ieee.org/802-ec/dcn/20/ec-20-0094-00-ACSD-p802-3cy.pdf>

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

Working Group vote
Y: XX N: XX, A: XX
ME*: IEEE P802.3cz Multi-Gigabit Optical Automotive Ethernet to RevCom (conditional)
IEEE P802.3cz Multi-Gigabit Optical Automotive Ethernet to RevCom (conditional)

Date ballot closed:

The 1\textsuperscript{st} Standards Association recirculation ballot of IEEE P802.3cz Multi-Gigabit Optical Automotive Ethernet closed on 9 November 2022 at 23:59 UTC-12

Vote tally:

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<tr>
<td>Public comments</td>
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</table>
IEEE P802.3cz Multi-Gigabit Optical Automotive Ethernet to RevCom (conditional)

Comments that support the remaining disapprove votes and responses:

2 disapprove voters have indicated satisfaction with all MBS comments but not flipped vote
7 unsatisfied TR comments and 1 unsatisfied GR comment from a total of 4 disapprove voters

See <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0244-00-00EC-ieee-p802-3cz-unsatisfied-comments.pdf>

Summary:

2 unsatisfied initial ballot TR comments propose changing the wavelength range for transmitter and receiver. There was no consensus to make a change either during initial ballot comment resolution nor in discussing a “pile-on” D3.1 comment.

3 unsatisfied initial ballot TR comments requesting to add unnecessary service interface specifications were rejected.

2 unsatisfied initial ballot TR comments on improvements to Energy Efficient Ethernet specifications, one Reject, one Accept in Principle.

1 unsatisfied 1st recirculation GR comment are on the lack of hyperlinks in the pdf (no changes to draft required, this is a property of the setting when producing a PDF).

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 P802.3cz Multi-Gigabit Optical Automotive Ethernet to RevCom (conditional)

Meeting schedule

- 2nd Standards Association recirculation ballot day one: 5 December 2022
- 2nd Standards Association recirculation ballot close: 19 December 2022
- RevCom submittal deadline: 20 December 2022
- IEEE P802.3cz comment resolution meeting: 10-11 January 2023
- 3rd Standards Association recirculation ballot day one: 23 January 2023
- RevCom teleconference: 30 January 2023
- 3rd Standards Association recirculation ballot close: 6 February 2023
- IEEE P802.3cz comment resolution meeting: 9 February 2023
- RevCom submittal deadline: 17 February 2023
- RevCom meeting: 28 March 2023

Note: 3rd Standards Association recirculation ballot only if required
IEEE P802.3cz Multi-Gigabit Optical Automotive Ethernet to RevCom (conditional)

Motion
Conditionally approve sending IEEE P802.3cz to RevCom
Confirm the CSD for IEEE P802.3cz in <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0084-00-ACSD-p802-3cz.pdf>

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

Working Group vote
Y: XX N: XX, A: XX
X.XXX MI*: IEEE 802.3 Greater than 50 Gb/s Bidirectional Optical Access PHYs Study Group (first rechartering)
IEEE 802.3 Greater than 50 Gb/s Bidirectional Optical Access PHYs Study Group (first rechartering)

Motion
Grant the 1st rechartering of IEEE 802.3 Greater than 50 Gb/s Bidirectional Optical Access PHYs Study Group

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

Working Group vote
Y: XX N: XX, A: XX
X.XXX ME*: IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs to NesCom
IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs to NesCom

Title
Standard for Ethernet Amendment: Greater than 50 Gb/s Bidirectional Optical Access PHYs

Scope of project
The scope of the project defines physical layer specifications and management parameters for symmetric bidirectional operation at greater than 50 Gb/s over a single strand of single mode fiber of at least 10 km.

Need
Bidirectional optical access PHYs are needed for point-to-point applications where the availability of fibers is limited. Bidirectional PHYs require half the number of fibers as dual-fiber duplex PHYs.
IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs to NesCom

Motion
Approve forwarding IEEE P802.3dk PAR documentation in <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0200-00-00EC-draft-ieee-p802-3dk-par.pdf> to NesCom
Approve CSD documentation in <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0201-00-00EC-draft-ieee-p802-3dk-csd.pdf>

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

Working Group vote
Y: XX N: XX, A: XX
X.XXX ME*: Request for Category A liaison with IEC TC64 Electrical installations and protection against electric shock
Request for Category A liaison with IEC TC64 Electrical installations and protection against electric shock

Motion

Approve <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0242-00-00EC-ieee-802-3-request-for-category-a-liaison-with-iec-tc64.pdf> to request establishment of an IEEE 802.3 Category A 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 A Liaison representative to IEC TC 64

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

Working Group vote
Y: XX N: XX, A: XX
X.XXX ME: IEEE 802.3 Delegation to ISO/IEC JTC 1/SC 25/WG 3 Interconnection of information technology equipment : Customer Premises Cabling meetings
IEEE 802.3 Delegation to
ISO/IEC JTC 1/SC 25/WG 3 meetings

Motion

Confirm the appointment of George Zimmerman, Chad Jones, David Law, Geoff Thompson, and Bob Voss as the members of the IEEE 802.3 Ethernet Working Group delegation to the February/March 2023 ISO/IEC JTC 1/SC 25/WG 3 meeting series and any subsequent meetings required to complete the work of that session

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

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