

IEEE 802.3 motions for consent agenda

IEEE 802 EC

Friday 23rd July 2021

***II: IEEE 802.3 liaison letter reply to
ITU-T SG15 on OTN support of
Ethernet clients beyond 400 Gb/s**

IEEE 802.3 liaison letter reply to ITU-T SG15 on OTN support of Ethernet clients beyond 400 Gb/s

The IEEE 802.3 liaison letter reply to ITU-T SG15 on optical transport network (OTN) support of Ethernet clients beyond 400 Gb/s can be accessed at the <<https://mentor.ieee.org/802-ec/dcn/21/ec-21-0167-00-00EC-ieee-802-3-liaison-letter-to-itu-t-sg15-on-otn-support-of-ethernet-clients-beyond-400-gb-s.pdf>>.

Working Group vote to approve letter

Y: 123, N: 0, A: 12

***II: IEEE 802.3 liaison letter reply to ITU-T SG15
on status of IEEE P802.3cw project**

IEEE 802.3 liaison letter reply to ITU-T SG15 on status of IEEE P802.3cw project

The IEEE 802.3 liaison letter reply to ITU-T SG15 on the status of the IEEE P802.3cw 400 Gb/s over Dense Wave Division Multiplexing (DWDM) systems project can be accessed at the URL <https://mentor.ieee.org/802-ec/dcn/21/ec-21-0166-00-00EC-ieee-802-3-liaison-letter-to-itu-t-sg15-on-ieee-p802-3cw-project.pdf>.

Working Group vote to approve letter

Y: 111, N: 0, A: 2

***ME: IEEE 802.3 standards to
ISO/IEC JTC1/SC6 for adoption**

IEEE 802.3 standards to ISO/IEC JTC1/SC6 for adoption

Motion

Approve submission of IEEE Std 802.3cv-2021, IEEE Std 802.3ct-2021 and IEEE Std 802.3cp-2021 to ISO/IEC JTC/SC6 for adoption under the PSDO agreement

M: Law S: D'Ambrosia

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

Working Group vote

Y: 106, N: 0, A: 1

***ME : Appointment of IEEE 802.3
liaison officer to IEC TC 86**

Appointment of IEEE 802.3 liaison officer to IEC TC 86

Motion

Confirm the appointment of Vince Ferretti as an IEEE 802.3 liaison officer to serve as the IEEE 802.3 Liaison officer to IEC TC 86

M: Law S: D'Ambrosia

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

Working Group vote

Y: 118, N: 0, A: 6

***MI : IEEE 802.3 Beyond 400 Gb/s Ethernet
Study Group (Second rechartering)**

MI*: IEEE 802.3 Beyond 400 Gb/s Ethernet Study Group (Second rechartering)

Motion

Grant the 2nd rechartering of the IEEE 802.3 Beyond 400 Gb/s Ethernet

M: Law S: D'Ambrosia

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

Working Group vote

Y: 119, N: 0, A: 4

***MI : IEEE 802.3 Enhancements to
Point-to-Point Single Pair Ethernet
Study Group (first rechartering)**

IEEE 802.3 Enhancements to Point-to-Point Single Pair Ethernet Study Group (first rechartering)

Motion

Grant the 1st rechartering of the IEEE 802.3 Enhancements to Point-to-Point Single Pair Ethernet Study Group

M: Law S: D'Ambrosia

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

Working Group vote

Y: 95, N: 0, A: 5

***ME: IEEE P802.3de MAC Merge and Time Synchronization Service Interface (TSSI) enhancements for Point-to-Point Single Pair Ethernet to NesCom**

IEEE P802.3de MAC Merge and TSSI enhancements for Point-to-Point Single Pair Ethernet to NesCom

Title

IEEE Standard for Ethernet Amendment: Enhancements to the MAC Merge function and the Time Synchronization Service Interface (TSSI) to include Point-to-Point 10 Mb/s Single Pair Ethernet

Scope of project

Specify additions to and appropriate modifications of the IEEE Std 802.3 MAC Merge function and the Time Synchronization Service Interface (TSSI) to support 10 Mb/s Single Pair Ethernet point to point PHYs.

Extend IEEE Std 802.3 to add 10 Mb/s Single Pair Ethernet point to point PHYs to the PHYs supporting the MAC Merge function and the Time Synchronization Service Interface (TSSI).

Need

IEEE Std 802.3cg-2019 defined point-to-point 10Mb/s PHYs with characteristics suitable for use in automotive, building and industrial automation environments. Many of the targeted application areas require Time-Sensitive Networking (TSN) functionality and benefit from support of IEEE 802.3 functions used by frame preemption as specified by IEEE Std 802.1Q and the generalized precision time protocol as specified by IEEE Std 802.1AS. This project seeks to enable the use of MAC Merge and TSSI with these PHYs. The 10 Mb/s point-to-point PHYs specified in IEEE Std 802.3cg-2019 are currently excluded from one or both of these functions

IEEE P802.3de MAC Merge and TSSI enhancements for Point-to-Point Single Pair Ethernet to NesCom

Motion

Approve forwarding IEEE P802.3de PAR documentation in <https://mentor.ieee.org/802-ec/dcn/21/ec-21-0113-02-00EC-ieee-p802-3de-draft-par-responses.pdf> to NesCom

Approve CSD documentation in <https://mentor.ieee.org/802-ec/dcn/21/ec-21-0112-01-00EC-ieee-p802-3de-draft-csd-responses.pdf>

M: Law, S: D'Ambrosia

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

Working Group vote

PAR: Y: 101, N: 0, A: 7

CSD: Y: 101, N: 0, A: 8