

# IEEE 802.3 motions for consent agenda

IEEE 802 EC

Tuesday 4<sup>th</sup> August 2020

**\*ME: IEEE P802.3 (IEEE 802.3dc)  
Standard for Ethernet revision PAR to NesCom**

# IEEE P802.3 (IEEE 802.3dc)

## Standard for Ethernet revision PAR to NesCom

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### Title

Standard for Ethernet

### Type of Project

Revision to IEEE Standard 802.3-2018

### Need

IEEE Std 802.3-2018 will need to be revised to allow future amendments to be considered per standards board policies. This revision will include the merge of approved amendments and accumulated maintenance changes. As there are a number of amendment projects currently in the “pipeline”, it is desirable to complete this revision in a timely manner to provide a solid base for balloting of the projects that will follow. Timely completion of the revision is also desired to avoid delays to these projects. The consequence of these schedule considerations is that new capabilities or functional enhancements may have to be deferred to future projects

# IEEE P802.3 (IEEE 802.3dc) Standard for Ethernet revision PAR to NesCom

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## Motion:

Approve forwarding IEEE P802.3 (IEEE 802.3dc) PAR documentation in  
<<https://mentor.ieee.org/802-ec/dcn/20/ec-20-0145-00-00EC-ieee-p802-3-ieee-802-3dc-draft-par-response.pdf>> to NesCom

M: Law S: D'Ambrosia

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

Working Group vote

Y: 99, N: 0, A: 5

**\*ME: IEEE 802 New Ethernet  
Application ICAID renewal to ICCom**

# IEEE 802 New Ethernet Application ICAID renewal to ICom

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## Title

New Ethernet Applications Industry Connections Activity Initiation Document (ICAID)

## Explanatory background material

The growing diversity of applications for Ethernet, including new application areas, is driving the development of a multitude of new standards to be developed. Recent examples of standardization activities that utilized the current New Ethernet Applications Industry Connections ICAID include Lower cost, short reach, optical interconnects based on 100 Gb/s wavelengths, Precision Time Protocol (PTP) Timestamping clarifications, Automotive Optical Multigig, Next steps in Single-Pair ecosystem, 100 Gb/s over Dense Wavelength Division Multiplexing (DWDM) systems, 400 Gb/s over DWDM systems, and developing a study group proposal for Automotive 10G+ Copper. Additional activities include the industry-wide Ethernet bandwidth assessment which has spawned interest in the IEEE 802.3 Ethernet Working Group working towards consensus building for a Beyond 400G study group. This topic area may fuel the continuing expansion of the Ethernet family through other new standards efforts. The goal of this activity is to assess requirements for new Ethernet-based applications, identify gaps not currently addressed by IEEE 802.3 standards, and facilitate building industry consensus towards proposals to initiate new standards development efforts.

# IEEE 802 New Ethernet Application ICAID renewal to ICom

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## Motion:

Approve forwarding IEEE 802.3 ICAID documentation and cover letter in  
<<https://mentor.ieee.org/802-ec/dcn/20/ec-20-0107-00-00EC-802-endorsement-letter-and-icaid-new-ethernet-applications.pdf>> to ICom

M: Law S: D'Ambrosia

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

Working Group vote

Y: 78, N: 1, A: 7