IEEE 802.3 Working Group
March 2022 Plenary Session

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Web site: www.ieee802.org/3

Current IEEE 802.3 activities

IEEE 802.3 Task Forces

- IEEE P802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces Task Force
- IEEE P802.3cs Increased-reach Ethernet optical subscriber access (Super-PON) Task Force
- IEEE P802.3cw 400 Gb/s over DWDM systems Task Force
- IEEE P802.3cx Improved PTP Timestamping Accuracy Task Force
- IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet Task Force
- IEEE P802.3cz Multi-Gigabit Optical Automotive Ethernet Task Force
- IEEE P802.3da 10 Mb/s Single Pair Multidrop Segments Enhancement Task Force
- IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber Task Force
- IEEE P802.3 (IEEE 802.3dc) Revision to IEEE Std 802.3-2018 Maintenance #16 Task Force
- IEEE P802.3dd Power over Data Lines of Single Pair Ethernet (Maintenance #17) Task Force
- IEEE P802.3de Time Synchronization for Point-to-Point Single Pair Ethernet Task Force
- IEEE P802.3df 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet Task Force

IEEE 802.3 Study Group

- IEEE 802.3 Greater than 10 Mb/s Long-Reach Single Pair Ethernet Study Group

IEEE 802.3 Ad Hoc

- IEEE 802.3 New Ethernet Applications Ad Hoc
- IEEE 802.3 Power Distribution Coordinating Committee (PDCC) Ad Hoc

IEEE 802.3 Maintenance

Plan

- Consider new maintenance requests
- Review status of outstanding maintenance requests
- IEEE P802.3 (IEEE 802.3dc) Ethernet revision (Maintenance #16) project
  - Progress approval to proceed to RevCom submittal
- Adoption of IEEE 802.3 standards by ISO/IEC SC6
- Consider any other maintenance business
- First plenary session teleconference planned for 15h00 UTC Wednesday 9 March 2022

Web page

http://www.ieee802.org/3/maint/index.html

IEEE P802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces Task Force

Description

This project is to specify additions to and appropriate modifications of IEEE Std 802.3 to add Physical Layer specifications and Management Parameters for 100 Gb/s, 200 Gb/s, and 400 Gb/s electrical interfaces based on 100 Gb/s signaling

Web site: http://ieee802.org/3/ck/index.html

Status

Draft D3.0 comment resolution complete

Plan

Send draft D3.1 out for 1st Standards Association recirculation ballot

Plenary session teleconference planned for 17h00 UTC Wednesday 9 March 2022

IEEE P802.3cs Increased-reach Ethernet optical subscriber access (Super-PON) Task Force

Description

Define physical layer specifications and management parameters for optical subscriber access supporting point-to-multipoint operations using wavelength division multiplexing over an increased-reach (up to at least 50 km) passive optical network (PON)

Web site: http://ieee802.org/3/cs/index.html

Status

Draft D3.1 sent out for 1st Standards Association recirculation ballot

Plan

Consideration of comments received against draft D3.1

First plenary session teleconference planned for 19h00 UTC Monday 14 March 2022

IEEE P802.3cw 400 Gb/s over DWDM Systems Task Force

Description

Define physical layer specifications and management parameters for the transfer of Ethernet format frames at 400 Gb/s at reaches greater than 10 km over DWDM systems.

Web site: http://ieee802.org/3/cw/index.html

Status

Draft D1.4 sent out for 5th Task Force review

Plan

Consideration of comments received against draft D1.4

Plenary session teleconference planned for 14h00 UTC Monday 14th March 2022

IEEE P802.3cx Improved PTP timestamping accuracy Task Force

Description

Define optional enhancements to Ethernet support for time synchronization protocols to provide improved timestamp accuracy in support of ITU-T Recommendation G.8273.2 'Class C' and 'Class D' system time error performance requirements.

Web site: http://ieee802.org/3/cx/index.html

Status

Draft D2.2 sent out for 2nd Working Group recirculation ballot

Meeting plan

Consideration of comments received against draft D2.2

Progress approval to proceed to Standards Association ballot

Plenary session teleconference planned for 15h00 UTC Wednesday 9 March 2022

IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet Task Force

Description

Specify additions to and appropriate modifications of IEEE Std 802.3 to add greater than 10 Gb/s electrical Physical Layer specifications for symmetrical and asymmetrical operation and management parameters for media and operating conditions for applications in the automotive environment.

Web site: http://ieee802.org/3/cy/index.html

Status

Selecting set of baseline proposals to satisfy project objectives

Meeting plan

Continue to work on selection of a set of baseline proposals

First plenary session teleconference planned for 15h00 UTC Tuesday 8 March 2022

IEEE P802.3cz Multi-Gigabit Optical Automotive Ethernet Task Force

Description

Specify additions to and appropriate modifications of IEEE Std 802.3 to add Physical Layer specifications and management parameters for multi-gigabit optical Ethernet for application in the automotive environment.

Web site: http://ieee802.org/3/cz/index.html

Status

Draft D1.3 submitted for Working Group preview

Completed development of proposals to divide the IEEE P802.3cz work item (PAR split)

It became apparent that the state of technology for graded-index glass and plastic fibre is different, and that a faster timeline for a graded-index glass fibre only project is achievable. As a result, graded-index plastic fibre will be removed from the scope of IEEE P802.3cz PAR, which will be limited to graded-index glass fibre, and will be the scope of the new IEEE P802.3dh amendment PAR.

IEEE P802.3cz Multi-Gigabit Optical Automotive Ethernet Task Force (continued)

Status (continued)

- IEEE P802.3cz PAR Modification request title: Standard for Ethernet Amendment: Physical Layer Specifications and Management Parameters for multi-gigabit optical Ethernet using graded-index glass optical fiber for application in the automotive environment
  - IEEE P802.3cz draft PAR modification request:
    https://mentor.ieee.org/802-ec/dcn/22/ec-22-0039-00-00EC-draft-ieee-p802-3cz-par-modification.pdf
  - IEEE P802.3cz draft CSD modifications:
    https://mentor.ieee.org/802-ec/dcn/22/ec-22-0038-00-00EC-draft-ieee-p802-3cz-csd-modification.pdf
  - IEEE P802.3cz draft objectives modifications:
    https://ieee802.org/3/cz/public/15_feb_2022/grow_3cz_01g_PARsplit-g/grow_03g_P802d3cz-mod-Objectives_200222.pdf
- IEEE P802.3ch PAR title: Standard for Ethernet Amendment: Physical Layer Specifications and Management Parameters for multi-gigabit optical Ethernet using graded index plastic optical fiber for application in the automotive environment
  - IEEE P802.3dh draft PAR:
    https://mentor.ieee.org/802-ec/dcn/22/ec-22-0037-00-00EC-draft-ieee-p802-3dh-par.pdf
  - IEEE P802.3dh draft CSD:
    https://mentor.ieee.org/802-ec/dcn/22/ec-22-0036-00-00EC-draft-ieee-p802-3dh-csd.pdf
  - IEEE P802.3dh draft objectives:
    https://ieee802.org/3/cz/public/15_feb_2022/grow_3cz_01g_PARsplit-g/grow_06g_P802d3dh-Objectives_200222.pdf

Meeting plan

- Progress request to proceed to Working Group ballot
- Progress the necessary draft PAR, CSD and objectives approval
- First plenary session teleconference planned for 13h00 UTC Tuesday 8 March 2022

IEEE P802.3da 10 Mb/s Single Pair Multidrop Segments Enhancement Task Force

Description

Specify additions and modifications of the Physical Layer (including reconciliation sublayers), management parameters, Ethernet support for time synchronization protocols, and optional power delivery supporting multiple powered devices on the 10 Mb/s mixing segment.

Web site: http://ieee802.org/3/da/index.html

Status

Selecting set of baseline proposals to satisfy project objectives

Meeting plan

Continue to work on selection of a set of baseline proposals

First plenary session teleconference planned for 15h00 UTC Wednesday 9 March 2022

IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber Task Force

Description

Specify additions to and appropriate modifications of IEEE Std 802.3 and adds Physical Layer specifications and management parameters for 100 Gb/s, 200 Gb/s, and 400 Gb/s Ethernet optical interfaces for server attachment and other intra-data center applications using 100 Gb/s signaling over optical fiber

Web site: http://ieee802.org/3/db/index.html

Status

Draft D3.0 sent out for initial Standards Association ballot

Ballot closing: 23:59 UTC-12 01 April 2022

Plan

Plenary session teleconference planned for 16h00 UTC Tuesday 15 March 2022

IEEE P802.3dd Power over Data Lines of Single Pair Ethernet (Maintenance #17) Task Force

Description

Implement editorial and technical corrections, refinements, and clarifications to Clause 104, Power over Data Lines (PoDL) of Single-Pair Ethernet, and related portions of the IEEE Std 802.3 Ethernet standard. No new features are added by this project.

Web site: http://ieee802.org/3/dd/index.html

Status

Draft D3.0 sent out for Initial Standards Association ballot

Meeting plan

Consideration of comments received against draft D3.0

Plenary session teleconference planned for 17h00 UTC Tuesday 8 March 2022

IEEE P802.3de Time Synchronization for Point-to-Point Single Pair Ethernet Task Force

Description

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

Web site: http://ieee802.org/3/de/index.html

Status

Draft D2.2 sent out for 2nd Working Group recirculation ballot

Meeting plan

Consideration of comments received against draft D2.2

Progress approval to proceed to Standards Association ballot

Plenary session teleconference planned for 16h00 UTC Tuesday 15 March 2022

IEEE P802.3df 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet Task Force

Description

Define Ethernet MAC parameters, physical layer specifications, and management parameters for the transfer of Ethernet format frames at 800 Gb/s and 1.6 Tb/s over copper, multi-mode fiber, and single-mode fiber, and use this work to define derivative physical layer specifications and management parameters for the transfer of Ethernet format frames at 200 Gb/s and 400 Gb/s

Web site: http://ieee802.org/3/df/index.html

Status

Selecting set of baseline proposals to satisfy project objectives

Meeting plan

Continue to work on selection of a set of baseline proposals

First plenary session teleconference planned for 14h00 UTC Tuesday 8 March 2022

IEEE 802.3 Greater than 10 Mb/s Long-Reach Single Pair Ethernet Study Group

Description

Develop a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for greater than 10 Mb/s long-reach point-to-point Single-Pair Ethernet PHYs and associated powering

Web site: https://ieee802.org/3/GT10MSPE/index.html

Status

The Study Group completed development of the draft IEEE P802.3dg Standard for Ethernet Amendment: Physical Layer Specifications and Management Parameters for 100Mb/s Operation and Associated Power Delivery over a Single Balanced Pair of Conductors, as well as supporting CSD and objectives

Draft PAR: https://mentor.ieee.org/802-ec/dcn/22/ec-22-0017-00-00EC-draft-ieee-p802-3dg-par.pdf

Draft CSD: https://mentor.ieee.org/802-ec/dcn/22/ec-22-0018-00-00EC-draft-ieee-p802-3dg-csd.pdf

Draft objectives: https://ieee802.org/3/GT10MSPE/Objectives_11102021_SGadopted.pdf

Meeting plan

Progress the necessary draft PAR, CSD and objectives approval

Plenary session teleconference planned for 14h00 UTC Wednesday 16 March 2022

IEEE 802.3 Power Distribution Coordinating Committee (PDCC) Ad Hoc

Description

Review output and build consensus on draft input for liaisons regarding power delivery over cabling cited in IEEE 802.3 standards and projects, e.g.:

- Build consensus on responses to public input proposals received as part of the next edition of NFPA70; and consider any other NFPA related items of interest, such as proposed Tentative Interim Amendments (TIA)
- Build consensus on draft input to IEC TC64/PT716, and proposed direction of the IEEE 802.3 Category C liaison expert
- Build consensus on draft input to IEC TC108/PT63315, and proposed direction of the IEEE 802.3 Category C liaison expert

Web site: https://ieee802.org/3/ad_hoc/PDCC/index.html

Meeting plan

Prepare reply to liaison response letter ITU-T SG5-LS235

Review ITU-T SG5 responses to IEEE 802.3 comments

Review IEC PT63315 responses to IEEE 802.3 comments

First plenary session teleconference planned for 18h00 UTC Wednesday 9 March 2022

IEEE 802.3 New Ethernet Applications (NEA) Ad Hoc

Description

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

Web site: http://ieee802.org/3/ad_hoc/ngrates/index.html

Status

Met twice since last plenary

- Short Frames and high-performance Ethernet
- Higher-speed bi-directional optics
  - Moving forward as a CFI development activity

Meeting plan

No plenary session teleconference planned

IEEE 802.3 Officers, Subgroup Chairs and Vice-Chairs

IEEE 802.3 Chair: David Law <dlaw@hpe.com>
IEEE 802.3 Vice Chair: Adam Healey <adam.healey@broadcom.com>
IEEE 802.3 Secretary: Jon Lewis <jon.lewis@dell.com>
IEEE 802.3 Executive Secretary: Steve Carlson <scarlson@ieee.org>
IEEE 802.3 Treasurer: Valerie Maguire <valerie_maguire@siemon.com>

IEEE 802.3 Task Force chairs

IEEE P802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces: Elizabeth Kochuparambil <edonnay@cisco.com>
IEEE P802.3cs Increased-reach Ethernet optical subscriber access (Super-PON): Claudio DeSanti <cds@ieee.org>
IEEE P802.3cw 400 Gb/s over DWDM systems: John D'Ambrosia <jdambrosia@ieee.org>
IEEE P802.3cx Improved PTP Timestamping Accuracy: Steve Gorshe <steve.gorshe@microchip.com>
IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet: Steve Carlson <scarlson@ieee.org>
IEEE P802.3cz Multi-Gigabit Optical Automotive Ethernet: Bob Grow <bob.grow@ieee.org>
IEEE P802.3da 10 Mb/s Single Pair Multidrop Segments Enhancement: Chad Jones <cmjones@cisco.com>
IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber: Robert Lingle <rlingle@ofsoptics.com>
IEEE P802.3 (IEEE 802.3dc) Revision to IEEE Std 802.3-2018 (Maintenance #16): Adam Healey <adam.healey@broadcom.com>
IEEE P802.3dd Power over Data Lines of Single Pair Ethernet (Maintenance #17): George Zimmerman <george@cmephyconsulting.com>
IEEE P802.3de Time Synchronization for Point-to-Point Single Pair Ethernet: George Zimmerman <george@cmephyconsulting.com>
IEEE P802.3df 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet: John D'Ambrosia <jdambrosia@ieee.org>

IEEE 802.3 Task Force vice-chairs

IEEE P802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces: Kent Lusted <kent.c.lusted@intel.com>
IEEE P802.3cw 400 Gb/s over DWDM systems: Tom Issenhuth <tissenhuth@outlook.com>
IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet: Natalie Wienckowski <nwienckowski@msn.com>
IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber: Mabud Choudhury <mchoudhury@ofsoptics.com>
IEEE P802.3df 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet: Mark Nowell <mnowell@cisco.com>

IEEE 802.3 Study Group chair

IEEE 802.3 Greater than 10 Mb/s Long-Reach Single Pair Ethernet: George Zimmerman <george@cmephyconsulting.com>

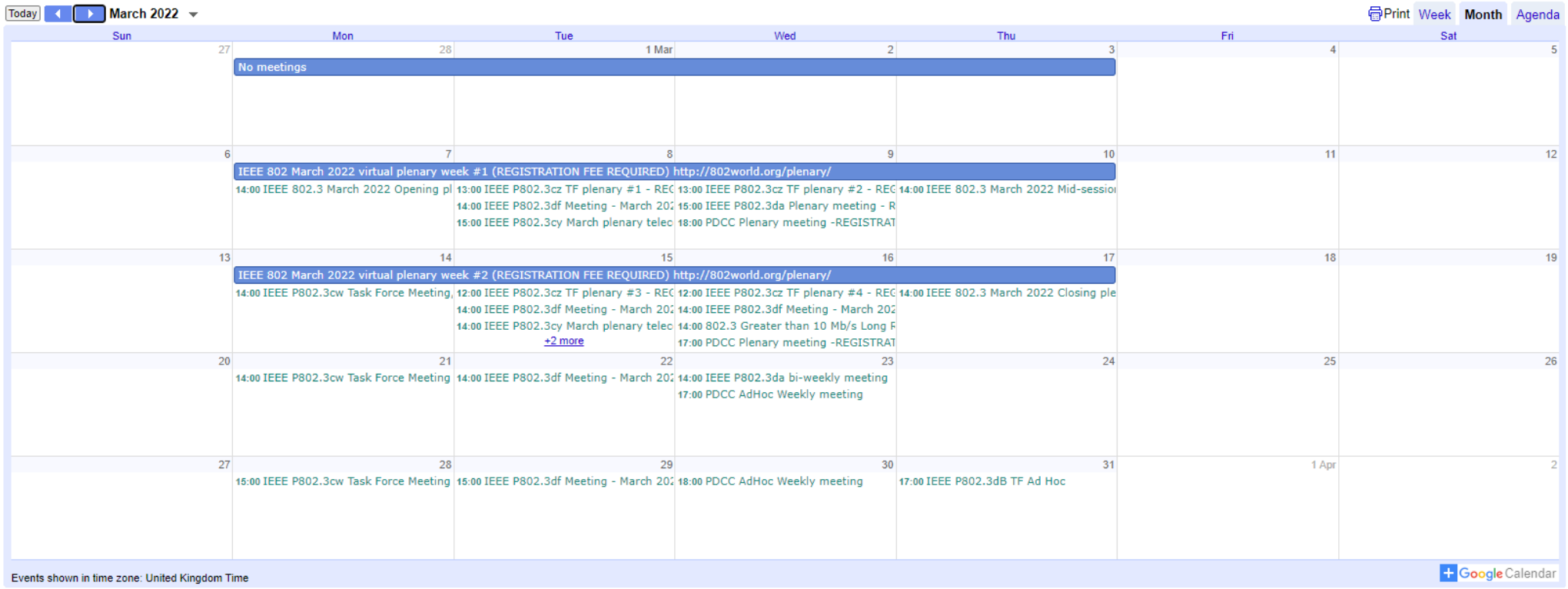
IEEE 802.3 Study Group vice-chair

IEEE 802.3 Greater than 10 Mb/s Long-Reach Single Pair Ethernet: Steve Carlson <scarlson@ieee.org>

Upcoming meetings

Please see http://www.ieee802.org/3/calendar.html for latest calendar of meetings

NOTE: Calendar set to detected computer time zone: Europe/London



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As an example, for Outlook follow these instructions using the above iCalendar subscription link URL as the address of the internet calendar to add to Outlook.

State of the standard
IEEE Std 802.3-2018 Revision

IEEE Std 802.3-2018 Standard for Ethernet 8 Books (Sections) 14-Jun-18/31-Aug-18*							
Section 1 Clause 1 to 20 Annex A to H, 4A CSMA/CD Overview MAC PLS/AUI 10BASE5 MAU 10BASE2 MAU 10BROAD36 MAU 10BASE-T MAU 10BASE-F MAUs 10 Mb/s Repeater 10 Mb/s Topology 10BASE-Te 1BASE5 DTE & MAU Mgmt Repeater Mgmt	Section 2 Clause 21 to 33 Annex 22A to 33E 100 Mb/s Overview MII 100BASE-T2 100BASE-T4 100BASE-TX 100BASE-FX 100Mb/s Repeater 100Mb/s Topology MAC Control Auto-Negotiation (AN) Management DTE Power	Section 3 Clause 34 to 43 Annex 36A to 43C 1000 Mb/s Overview GMII 1000BASE-X AN 1000BASE-SX 1000BASE-LX 1000BASE-CX 1000BASE-T 1000 Mb/s Repeater 1000 Mb/s Topology	Section 4 Clause 44 to 55 Annex 44A to 55B 10 Gb/s Overview MDC/MDIO XGMII XAUI XSBI 10GBASE-SR 10GBASE-LR 10GBASE-ER 10GBASE-SW 10GBASE-LW 10GBASE-EW 10GBASE-LX4 10GBASE-CX4 10GBASE-T	Section 5 Clause 56 to 77 Annex 57A to 76A Subscriber Access Networks (SA) Overview OAM MPMC 100BASE-LX10 100BASE-BX10 1000BASE-LX10 1000BASE-BX10 1000BASE-PX10 1000BASE-PX20 10GBASE-PR 10/1GBASE-PRX 10PASS-TS 2BASE-TL SA Topology 10GBASE-LRM Backplane Overview 1000BASE-KX 10GBASE-KX4 10GBASE-KR Backplane AN BASE-R FEC	Section 6 Clause 78 to 95 Annex 83A to 93C EEE LLDP TLVs Time Sync RS-FEC 40/100G Overview 40GBASE-KR4 40GBASE-CR4 40GBASE-SR4 40GBASE-FR 40GBASE-LR4 40GBASE-ER4 100GBASE-CR10 100GBASE-SR10 100GBASE-KR4 100GBASE-KP4 100GBASE-CR4 100GBASE-SR4 100GBASE-LR4 100GBASE-ER4	Section 7 Clause 96 to 115 Annex 97A to 115A 100BASE-T1 1000BASE-T1 Single-Pair AN MAC Merge 10GPASS-XR EPoC PHY Link MPMC for EPoC PoDL 25Gb/s Overview 25GBASE-CR/CR-S 25GBASE-KR/KR-S 25GBASE-SR 25GBASE-LR 25GBASE-ER 25GBASE-T 40GBASE-T 1000BASE-RHA/B/C	Section 8 Clause 116 to 126 Annex 119A to 120E 200 Gb/s and 400 Gb/s Overview 200GBASE-DR4 200GBASE-FR4 200GBASE-LR4 400GBASE-SR16 400GBASE-DR4 400GBASE-FR8 400GBASE-LR8 2.5 Gb/s and 5 Gb/s Overview 2.5GBASE-T 5GBASE-T

State of the standard
Current amendments

IEEE Std 802.3-2018 amendments

IEEE Std 802.3cb-2018
Amendment 1: Physical Layer Specifications and Management Parameters for 2.5 Gb/s and 5 Gb/s Operation over Backplane
27-Sep-18/04-Jan-19*

IEEE Std 802.3bt-2018
Amendment 2: Physical Layer and Management Parameters for Power over Ethernet over 4 pairs
27-Sep-18/31-Jan-18*

IEEE Std 802.3cd-2018
Amendment 3: Media Access Control Parameters for 50 Gb/s and Physical Layers and Management Parameters for 50 Gb/s, 100 Gb/s, and 200 Gb/s Operation
5-Dec-18/15-Feb-19*

IEEE Std 802.3cn-2019
Amendment 4: Physical Layers and Management Parameters for 50Gb/s, 200Gb/s, and 400Gb/s Operation over Single-Mode Fiber
7-Nov-18/20-Dec-19*

IEEE Std 802.3cg-2019
Amendment 5: Physical Layers Specifications and Management Parameters for 10 Mb/s Operation and Associated Power Delivery over a Single Balanced Pair of Conductors
7-Nov-19/5-Feb-20*

IEEE Std 802.3cq-2020
Amendment 6: Maintenance #13: Power over Ethernet over 2 pairs
30-Jan-20/13-Mar-20*

IEEE Std 802.3cm-2020
Amendment 7: Physical Layer and Management Parameters for 400 Gb/s over Multimode Fiber
30-Jan-20/30-Mar-20*

IEEE Std 802.3ch-2020
Amendment 8:Physical Layer Specifications and Management Parameters for 2.5 Gb/s, 5 Gb/s, and 10 Gb/s Automotive Electrical Ethernet
4-Jun-20/30-Jun-20*

IEEE Std 802.3ca-2020
Amendment 9:Physical Layer Specifications and Management Parameters for 25 Gb/s and 50 Gb/s Passive Optical Networks
4-Jun-20/30-Jun-20*

IEEE Std 802.3cr-2021
Amendment 10: Maintenance #14: Isolation
9-Feb-21/24-Feb-21*

IEEE Std 802.3cu-2021
Amendment 11: Physical Layers and Management Parameters for 100 Gb/s and 400 Gb/s Operation over Single-Mode Fiber at 100 Gb/s per Wavelength
9-Feb-21/26-Feb-21*

IEEE Std 802.3cv-2021
Amendment 12: Maintenance #15: Power over Ethernet
9-May-21/28-May-21*

IEEE Std 802.3ct-2021
Amendment 13: Physical Layers and Management Parameters for 100 Gb/s Operation over DWDM systems
16-Jun-21/9-Jul-21*

IEEE Std 802.3cp-2021
Amendment 14: Bidirectional 10 Gb/s, 25 Gb/s, and 50 Gb/s Optical Access PHYs
16-Jun-21/16-Jul-21*

* Dates are approved/published

State of the standard
Other IEEE 802.3 standards

IEEE Std 802.3.1-2013

IEEE Standard for Management Information Base (MIB) Definitions for Ethernet

14-Jun-13/02-Aug-13*

IEEE Std 802.3.2-2019

IEEE Standard for Ethernet YANG Data Model Definitions

21-Mar-19/21-Jun-19*

State of the standard
IEEE 802.3 current status overview

Call for interest	Study Group	Task Force		
	IEEE 802.3 Greater than 10 Mb/s Long-Reach Single Pair Ethernet Study Group	IEEE P802.3df 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet Baseline selection	IEEE P802.3cw 400 Gb/s over DWDM systems Fifth Task Force review	IEEE P802.3cz Multi-Gigabit Optical Automotive Ethernet D1.3 Working Group draft preview
			IEEE P802.3da 10 Mb/s Single Pair Multidrop Segments Enhancement Baseline selection	IEEE P802.3de Time Synchronization for Point-to-Point Single Pair Ethernet D2.2 Second Working Group recirculation ballot
			IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet Baseline selection	IEEE P802.3cx Improved PTP Timestamping Accuracy D2.2 Second Working Group recirculation ballot
				IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber D3.0 Initial Standards Association ballot

Task Force	
IEEE P802.3dd Power over Data Lines of Single Pair Ethernet (Maintenance #17) D3.0 initial Standards Association ballot	
IEEE P802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces D3.0 Initial Standards Association ballot	
IEEE P802.3 (IEEE 802.3dc) Ethernet revision (Maintenance #16) D3.1 first Standards Association recirculation ballot	
IEEE P802.3cs Increased-reach Ethernet optical subscriber access (Super-PON) D3.1 first Standards Association recirculation ballot	

Progress to standard