

Approved Minutes
IEEE 802.3 Ethernet Working Group
Virtual Interim Working Group Meeting
May 20, 2021

<https://www.ieee802.org/3/minutes/mar21/index.html>

THURSDAY, 20 MAY 2021

Minutes were taken by 802.3 Recording Secretary Jon Lewis.

ADMINISTRATIVE MATTERS

Call to order

Mr. David Law, Chair of the IEEE 802.3 Ethernet Working Group, called the meeting to order at 14:00 UTC. Mr. Law noted that this was an inconvenient time for some and thanked the group for attending. Mr. Law also wished everyone is staying safe and is well.

If you are attending by phone all slides are posted on the webpage:

<https://www.ieee802.org/3/minutes/may21/index.html>

Welcome, introductions, and general announcements

Mr. Law noted that it would be too time consuming to have each individual introduce themselves, that introductions would not be done at this teleconference. Mr. Law showed a list of officers of the IEEE 802.3 Working Group:

IEEE 802.3 Chair: David Law

IEEE 802.3 Vice-Chair: Adam Healey

IEEE 802.3 Secretary: Jon Lewis

IEEE 802.3 Executive Secretary: Steve Carlson

IEEE 802.3 Treasurer: Valerie Maguire

IEEE 802.3 Task Force chairs

IEEE P802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces: Beth Kochuparambil

IEEE P802.3cp Bidirectional 10 Gb/s, 25 Gb/s, and 50 Gb/s Optical Access PHYs: Frank Effenberger

IEEE P802.3cs Ethernet access PMDs for central office consolidation (Super-PON): Claudio DeSanti

IEEE P802.3ct 100 Gb/s and 400 Gb/s over DWDM systems Task Force: John D'Ambrosia

IEEE P802.3cv Power over Ethernet (Maintenance #15): Chad Jones

IEEE P802.3cx Improved PTP Timestamping Accuracy Task Force: Steve Gorshe

IEEE P802.3cy Greater than 10 Gb/s Automotive Ethernet Electrical PHYs: Steve Carlson

IEEE P802.3cz Multi Gigabit Automotive Optical PHYs Study Group: Bob Grow

IEEE P802.3da 10SPE Multidrop Enhancements Study Group: Chad Jones

IEEE P802.3db 100 Gb/s per Wavelength Short Reach PHYs Study Group: Robert Lingle Jr.

IEEE P802.3 (IEEE 802.3dc) Ethernet revision (Maintenance #16): Adam Healey

IEEE 802.3 Task Force vice-chairs

IEEE P802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces: Kent Lusted

IEEE P802.3ct 100 Gb/s over DWDM systems: Tom Issenhuth

IEEE P802.3cw 400 Gb/s over DWDM systems: Tom Issenhuth

IEEE 802.3 Study Group chair

IEEE 802.3 Beyond 400 Gb/s Ethernet Study Group: John D'Ambrosia

IEEE 802.3 IEEE 802.3 Enhancements to point to point Single Pair Ethernet Study Group: George Zimmerman

Mr. Law introduced the procedure for including your affiliation in your screen name and noted that Mr. Carlson would be monitoring this during the meeting.

Working Group Decorum

Mr. Law introduced the Working Group decorum as described in the opening report. Please see https://www.ieee802.org/3/minutes/may21/0521_802_3_interim.pdf#page=3.

Mr. Law noted that there should be no recording without permission and that recording was disabled for this meeting in the teleconference tool.

Mr. Law asked if anyone was attending from the press including those who would run a public blog on this meeting other than those limited to summarizing the meeting outcomes. There was no response.

Review and approval of agenda

Mr. Law noted that a soft copy of the draft agenda had been posted to the minutes section for this meeting.

Mr. Law asked if there were any additions to the draft agenda. There was no response.

MOTION #1

Approve the agenda.

M: R. Grow

S: J. Weaver

Procedural (> 50%)

Motion Passed by unanimous consent 20-May 2021, 14:12 UTC

Call for patents

Please see https://www.ieee802.org/3/minutes/may21/0521_802_3_interim.pdf#page=6.

Mr. Law showed the IEEE patent policy slides.

Mr. Law asked if anyone had or was aware of any potentially essential IP or had a letter of assurance. There was no response.

Mr. Law asked that Mr. Lewis record that:

No letters of assurance were submitted

The patent policy, per the latest PatCom slide set, was shown

Anyone wishing to submit a letter of assurance can do so at any time by contacting Mr. Law or the PatCom administrator

Mr. Law reminded the group of inappropriate topics that should not be discussed. These included territory, market share, price, ongoing litigation, threatened litigation, etc.

Mr. Law reviewed the IEEE SA copyright slides.

https://www.ieee802.org/3/minutes/may21/0521_802_3_interim.pdf#page=11

Mr. Law advised the participants that:

- IEEE SA's copyright policy is described in Clause 7 of the IEEE SA Standards Board Bylaws and Clause 6.1 of the IEEE SA Standards Board Operations Manual;
- Prior to presentation or submission, you shall notify the Working Group Chair of previously Published material and should assist the Chair in obtaining copyright permission acceptable to IEEE SA. For material that is not previously Published, IEEE is automatically granted a license to use any material that is presented or submitted.

Mr. Law reviewed the IEEE SA participation slides.

https://www.ieee802.org/3/minutes/may21/0521_802_3_interim.pdf#page=14

Mr. Law advised participants that:

- Participants in the IEEE-SA "individual process" under which the project operates shall act independently of others, including employers, and shall act based on their qualifications and experience. By participating in standards activities using the

“individual process”, you are deemed to accept these requirements; if you are unable to satisfy these requirements then you shall immediately cease any participation.

Please also see https://www.ieee802.org/3/minutes/may21/0521_802_3_interim.pdf.

General Working Group business

Mr. Law explained the membership requirements (gaining and retaining)

- 75% attendance at 2 of last 4 plenary meetings (a qualifying interim may be substituted for one plenary)

- Request to become member during IEEE 802.3 potential voter agenda item

- Participate in 2 of last 3 WG ballots to retain membership

- Maintain valid contact information

- Consistent declaration of affiliation

Please see <http://ieee802.org/3/rules/index.html> for complete information.

LIAISONS

External Liaison letters (new)

OIF: Progress of CEI-112G-VSR, CEI-112G-MR and CEI-112G-LR projects [liaison letter](#) and [attachment](#)

OIF: OIF: 800G Coherent Project Status [liaison letter](#)

ITU-T SG15: ATN and HNT Standardization Work Plans contribution acknowledgement [liaison letter](#)

ITU-T SG15: ATN Standardization Work Plan latest version [liaison letter](#)

ITU-T SG15: HNT Standardization Work Plan latest version [liaison letter](#)

ITU-T SG15: OTNT Standardization Work Plan Issue 29 [liaison letter](#) and [attachment](#)

ITU-T SG15: Coordination of information and data modelling work [liaison letter](#)

ITU-T SG15: Reply to status of IEEE P802.3ct and IEEE P802.3cw projects [liaison letter](#)

ITU-T SG15: OTN support of Ethernet clients beyond 400 Gb/s [liaison letter](#)

Mr. Law again expressed his thanks to the Working Group for progressing IEEE 802.3 work given the large number of weekly meetings. Starting with the July plenary meetings there will be a moratorium on 802.3 meetings the preceding week of the plenary/interim meeting series.

Future Meetings report - Steve Carlson

https://www.ieee802.org/3/minutes/may21/0521_meetings.pdf

Mr. Carlson noted that sub group schedules are on the [802.3 meeting calendar](#).

IEEE 802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces Task Force – Beth Kochuparambil

MOTION #2

Approve the liaisons from IEEE 802.3 to COBO, INCITS T11.2, and OIF:

https://ieee802.org/3/minutes/may21/outgoing/IEEE_802d3_to_COBO_0521_draft1.pdf

https://ieee802.org/3/minutes/may21/outgoing/IEEE_802d3_to_T11-2_0521_ck_draft2.pdf

https://ieee802.org/3/minutes/may21/outgoing/IEEE_802d3_to_OIF_CEI_0521_draft1.pdf

with editorial license granted to the chair or his appointed agent.

M: Beth Kochuparambil

S: Kent Lusted

Technical ($\geq 75\%$)

Motion Passed by unanimous consent 20-May 2021, 16:49 UTC

IEEE 802.3cs – Increased-reach Ethernet optical subscriber access (Super-PON) Task Force – Claudio DeSanti

MOTION #3

Move that the IEEE 802.3 Working Group approve

[IEEE_802d3_to_Q2SG15_0521_draft.pdf](#) with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to ITU-T Q2/SG15.

M: Claudio DeSanti

S: John D'Ambrosia

Y: 128 N: 0 A: 4

Technical ($\geq 75\%$)

Motion Passed 20-May 2021, 17:03 UTC

MOTION #4

Move that the IEEE P802.3 Working Group approve [IEEE 802d3 to T11-2 0521 3db draft2.pdf](#) with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to INCITS T11.2

M: Robert Lingle

S: George Zimmerman

Technical ($\geq 75\%$)

Motion Passed by unanimous consent 20-May 2021, 17:21 UTC

IEEE Std 802.3cr-2021 awards – Jon Lewis

IEEE Std 802.3cu-2021 awards – Mark Nowell

Mr. Law noted that the agenda had been exhausted and asked if there was other business for the Working Group, none responded.

MOTION #5

Adjourn the meeting

M: B. Voss

S: M. Hajduczenia

Procedural ($> 50\%$)

Motion Passed by unanimous consent 20-May 2021, 15:33 UTC

Mr. Law then adjourned the meeting.

Adjourned.

The list of participants for this meeting (including employers and affiliations) can be found at: http://www.ieee802.org/3/minutes/may21/0521_attendance_teleconference.pdf

The next meeting of the IEEE 802.3 Working Group will be announced on the IEEE 802.3 reflector.