

**Approved Minutes**  
**IEEE 802.3 Ethernet Working Group**  
**Virtual interim meeting**  
**January 21, 2021**

<https://www.ieee802.org/3/minutes/jan21/index.html>

**THURSDAY, 21 JANUARY 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 14:01 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/jan21/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 P802.3ca 25 Gb/s and 50 Gb/s EPON: Curtis Knittle

IEEE P802.3ch Multi-Gig Automotive Ethernet PHY: Steve Carlson

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 P802.3cr Isolation (Maintenance #14): Jon Lewis

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 P802.3cu 100 Gb/s and 400 Gb/s over SMF at 100 Gb/s per Wavelength: Mark Nowell

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

IEEE P802.3cw 400 Gb/s over DWDM systems: John D'Ambrosia

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 802.3 Task Force vice-chairs

IEEE P802.3ca 25 Gb/s and 50 Gb/s EPON: Glen Kramer

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

IEEE 802.3 Ad Hoc chair

IEEE 802.3 New Ethernet Applications Industry Connection Ad Hoc: Jon Lewis

Mr. Law introduced the procedure for including your affiliation in your screen name.

Please see [https://www.ieee802.org/3/minutes/jan21/0121\\_802\\_3\\_interim.pdf](https://www.ieee802.org/3/minutes/jan21/0121_802_3_interim.pdf).

### **Working Group Decorum**

Mr. Law introduced the Working Group decorum as described in the opening report.

Please see [https://www.ieee802.org/3/minutes/jan21/0121\\_802\\_3\\_interim.pdf](https://www.ieee802.org/3/minutes/jan21/0121_802_3_interim.pdf).

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 as amended.

M: M. Hajduczenia

S: B. Voss

Procedural (> 50%)

Motion Passed by unanimous consent 21-January 2021, 14:11 UTC

## **MOTION #2**

Motion to amend the agenda to strike “WG10” from the IEEE P802.3cz agenda item.

M: R. Grow

S: J. D’Ambrosia

Procedural (> 50%)

Motion Passed by unanimous consent 21-January 2021, 14:10 UTC

## **Call for patents**

Please see [https://www.ieee802.org/3/minutes/jan21/0121\\_802\\_3\\_interim.pdf#page=6](https://www.ieee802.org/3/minutes/jan21/0121_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 patent claims or had a letter of assurance. There was no response.

Mr. Law asked that Mr. Lewis record that:

There were no responses to the call for potentially essential patent claims  
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/jan21/0121\\_802\\_3\\_interim.pdf#page=10](https://www.ieee802.org/3/minutes/jan21/0121_802_3_interim.pdf#page=10)

Mr. Law advised the standards development group 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;
- Any material submitted during standards development, whether verbal, recorded, or in written form, is a Contribution and shall comply with the IEEE SA Copyright Policy;

Mr. Law reviewed the IEEE SA participation slides.

[https://www.ieee802.org/3/minutes/jan21/0121\\_802\\_3\\_interim.pdf#page=13](https://www.ieee802.org/3/minutes/jan21/0121_802_3_interim.pdf#page=13)

Please also see [https://www.ieee802.org/3/minutes/jan21/0121\\_802\\_3\\_interim.pdf](https://www.ieee802.org/3/minutes/jan21/0121_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.

Mr. Law then showed the group how to record attendance in IMAT.

## LIAISONS

### **External Liaison letters (new)**

OIF: Adoption of open structure [liaison letter](#)

During the discussion of the letter it was noted that there was a new option available to companies and individuals to become a OIF Observer for an annual fee, in addition to the existing OIF Member option, and that OIF Observer will be able to access all communications we send to the OIF. No issues were raised with this access.

OIF: 800G Coherent Project Start [liaison letter](#) and [attachment](#)

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

ITU-T SG5: Power over Ethernet (PoE) and Power over Data Lines (PoDL) [liaison letter](#)

### **Working Group Business:**

Future Meetings Report – Steve Carlson

[https://www.ieee802.org/3/minutes/jan21/0121\\_meetings.pdf](https://www.ieee802.org/3/minutes/jan21/0121_meetings.pdf)

### **Actions:**

IEEE 802.3 Maintenance Task Force – Adam Healey

**MOTION #3**

Approve [IEEE 802d3 to ISO/IEC JTC1 SC6 0121 1 draft.pdf](#) and [IEEE 802d3 to ISO/IEC JTC1 SC6 0121 2 draft.pdf](#) with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to ISO/IEC JTC 1/SC 6.

M: A. Healey

S: G. Thompson

Technical ( $\geq 75\%$ )

Y: 102 N: 0 A: 4

Motion Passed 21-January 2021, 14:46 UTC

**MOTION #4**

Approve the IEEE P802.3dd Clause 104 Maintenance PAR in [https://www.ieee802.org/3/maint/public/P802\\_3dd\\_PAR\\_draft\\_1120.pdf](https://www.ieee802.org/3/maint/public/P802_3dd_PAR_draft_1120.pdf).

M: A. Healey on behalf of the Task Force

Technical ( $\geq 75\%$ )

Y: 118 N: 0 A: 2

Motion Passed 21-January 2021, 14:54 UTC

Beyond 400 Gb/s Study Group – John D’Ambrosia

**MOTION #5**

Approve [IEEE 802d3 to OIF b400g 0121 draft.pdf](#) with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to OIF.

M: J. D’Ambrosia S: R. Grow

Technical ( $\geq 75\%$ )

Motion Passed by unanimous consent 21-January 2021, 15:00 UTC

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

**MOTION #6**

Approve [IEEE 802d3 to ISO TC22 SC32 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 ISO TC 22 / SC 32.

M: R. Grow on behalf of the Task Force

Technical ( $\geq 75\%$ )

Motion Passed by unanimous consent 21-January 2021, 15:05 UTC

**MOTION #7**

Approve a request for a category B liaison with IEC TC 86 to cover matters related to optical components for automotive applications and cabling outside the scope of the existing liaison between ISO/IEC JTC 1/SC 25/WG3 and IEC TC 86.

Approve [IEEE 802d3 to IEC TC86 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 IEC TC 86.

M: R. Grow      S: J. D'Ambrosia

Technical ( $\geq 75\%$ )

Y: 118 N: 0 A: 3

Motion Passed 21-January 2021, 15:18 UTC

IEEE P802.3cw 400 Gb/s over DWDM systems Task Force – John D'Ambrosia

**MOTION #8**

Approve [IEEE 802d3 to OIF 3cw 0121 draft.pdf](#) with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to OIF.

M: J. D'Ambrosia

Technical ( $\geq 75\%$ )

Y:    N:    A:

Motion Passed 21-January 2021, 15:25 UTC

IEEE P802.3ca Awards – Curtis Knittle

Mr. Law recognized Mr. Knittle for the publication of IEEE Std 802.3ca-2020. Mr. Law then asked Mr. Knittle to recognize the key contributors to IEEE Std 802.3ca-2020.

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

**MOTION #9**

Adjourn the meeting

M: J. Abbott

S: J. D'Ambrosia

Procedural (> 50%)

Motion Passed by unanimous consent 21-January 2021, 15:36 UTC

Mr. Law then adjourned the meeting.

Adjourned.