

APPROVED MINUTES

IEEE 802.3 Ethernet Working Group

Hybrid Plenary Opening Meeting

November 14, 2022

<https://www.ieee802.org/3/minutes/nov22/index.html>

MONDAY, 14 NOVEMBER 2022

Minutes were taken by Kent Lusted.

ADMINISTRATIVE MATTERS

Call to order

Adam Healey, Vice-Chair of the IEEE 802.3 Ethernet Working Group, called the meeting to order at 10:00 ICT.

Welcome, introductions, and general announcements

Mr. Healey noted that it would be too time consuming to have each individual introduce themselves, that introductions would not be done at this hybrid meeting.

Mr. Healey recognized Kent Lusted and Chad Jones for filling in for Jon Lewis and Steve Carlson, respectively.

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

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

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

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

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

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

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

IEEE P802.3de Time Synchronization for Point-to-Point Single Pair Ethernet: George Zimmerman

IEEE P802.3df 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet: John D'Ambrosia

IEEE P802.3dg 100 Mb/s Long-Reach Single Pair Ethernet Task Force: George Zimmerman

IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Task Force: Yuji Watanabe

IEEE 802.3 Study Group chairs

IEEE 802.3 Greater than 50 Gb/s Bidirectional Optical Access PHYs: Frank Effenberger

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

IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet: Natalie Wienckowski

IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber: Mabud Choudhury

IEEE P802.3df 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet: Mark Nowell

Working Group Decorum

Mr. Healey introduced the Working Group decorum as described in the opening report. Please see https://www.ieee802.org/3/minutes/nov22/1122_802_3_opening_plenary.pdf#page=3.

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

Mr. Healey 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. There was no response.

Mr. Healey introduced the procedure for including your affiliation in your screen name and noted other zoom guidelines for in-person and remote participants including the operation of the queues. Please see

https://www.ieee802.org/3/minutes/nov22/1122_802_3_opening_plenary.pdf#page=6.

Mr. Healey informed the group that the November plenary meeting is subject to a registration fee and that there are penalties for non-payment of registration fees.

https://www.ieee802.org/3/minutes/nov22/1122_802_3_opening_plenary.pdf#page=9.

Review and approval of agenda

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

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

MOTION #1

Approve the agenda.

M: George Zimmerman

S: Steve Carlson

Procedural (> 50%)

Motion Passed by unanimous consent , 10:11 ICT

Mr. Healey noted that there were two sets of minutes to review from July 2022 and September 2022. Mr. Healey asked if there were modifications to the minutes. There was no response.

MOTION #2

Approve the minutes from the July 2022 and September 2022 meetings.

M: John D'Ambrosia

S: Chad Jones

Procedural (> 50%)

Motion Passed by unanimous consent , 10:13 ICT

Call for patents

Please see

https://www.ieee802.org/3/minutes/nov22/1122_802_3_opening_plenary.pdf#page=11

Mr. Healey showed the IEEE patent policy slides.

Mr. Healey asked if anyone was aware of any patent claims potentially essential to the proposed standards under development by the IEEE 802.3 Working Group. There was no response.

Mr. Healey asked that Mr. Lusted record that:

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

There was no response to the call for potentially essential patent claims

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

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

Mr. Healey reviewed the IEEE SA copyright slides.

https://www.ieee802.org/3/minutes/nov22/1122_802_3_opening_plenary.pdf#page=16

Mr. Healey advised 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. Healey reviewed the IEEE SA participation slides.

https://www.ieee802.org/3/minutes/nov22/1122_802_3_opening_plenary.pdf#page=19

Mr. Healey 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.

Mr. Healey passed the meeting Chair responsibility to Mr. Law.

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

Mr. Lewis reviewed the membership and attendance tool procedures.

https://www.ieee802.org/3/minutes/nov22/1122_802_3_opening_plenary.pdf#page=25

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

Review of voting membership

Please see https://www.ieee802.org/3/minutes/nov22/1122_voters.pdf

Review of voters in peril

Please see https://www.ieee802.org/3/minutes/nov22/1122_peril.pdf

Review of Potential voters

Please see https://www.ieee802.org/3/minutes/nov22/1122_potential.pdf

The following participants requested voting rights during the opening plenary:

Bernier, Eric	Lambert, Angela	Reinhard, Michael
Beruto, Piergiorgio	Le Cheminant, Greg	Rodes, Roberto
Chang, Frank	Li, Mike-Peng	Savi, Olindo
De Koos, Andras	Liu, Cathy	Sawano, Hiroshi
Dumais, Patrick	Lu, Yuchun	Sikking, Mark
Gustlin, Mark	Mahlich, Matthias	Sprague, Edward
Huang, Qinhui	Oi, Shigehiro	Sun, Junqing
Jiang, Chendi	Park, Chul Soo	Toyserkani, Pirooz
Johnson, John	Parkholm, Ulf	Welch, Brian
Kubota, Masaki	Piehler, David	Williams, Tom

Mr. Lewis displayed a list of the voters that requested voting rights in the opening plenary.

Mr. Carlson asked on-line participants to declare their affiliation. Mr. Law noted that participants that do not declare affiliation would be removed from the meeting.

George Zimmerman presented the Working Group treasury report. Please see

https://www.ieee802.org/3/minutes/nov22/1122_treasury.pdf

Mr. Law showed the IEEE 802 EC report.

Mr. Zimmerman presented the Treasury portion of the EC report. Please see

https://www.ieee802.org/3/minutes/nov22/1122_802_3_opening_plenary.pdf#page=29

Mr. Law noted that Mr. Nikolich would be serving his last term as the IEEE 802 Chair. Anyone interested in the position should speak with an IEEE 802 EC member.

Mr. Law showed the IEEE 802 EC meeting schedule. Please see

https://www.ieee802.org/3/minutes/nov22/1122_802_3_opening_plenary.pdf#page=30

Mr. Law reviewed the IEEE 802 PARs and ICAIDs under consideration this week. Please see:

https://www.ieee802.org/3/minutes/nov22/1122_802_3_opening_plenary.pdf#page=32

Mr. Law reviewed the IEEE 802.3 Working Group draft sharing coordination list.

https://www.ieee802.org/3/minutes/nov22/1122_802_3_opening_plenary.pdf#page=34

LIAISONS

External Liaison letters (old)

ITU-T SG5: Reply to IEEE 802.3 Working Group LS110 [liaison letter part 1](#)

ITU-T SG5: Reply to IEEE 802.3 Working Group LS110 [liaison letter part 2](#)

ITU-T SG5: Reply to IEEE 802.3 Working Group LS110 [liaison letter part 3](#)

OIF: 800ZR/800LR IA project update [liaison letter](#)

External Liaison letters (new)

ISO/IEC JTC 1/SC 25/WG 3: Multi-drop cabling [liaison letter](#)

ISO/IEC JTC 1/SC 25/WG 3: Single pair cabling [liaison letter](#)

ITU-T SG9: ITU-T J.HiNoC3-PHY and J.HiNoC3-MAC [liaison letter](#) and attachments(1,2)

ITU-T SG9: ITU-T J.224, ITU-T J.225, and ITU-T J.Sup 10 [liaison letter](#) and attachments(1,2,3)

ITU-T SG15: 100-Gb/s bidirectional, single-fibre, point-to-point optical access system [liaison letter](#)

ITU-T SG15: IM/DM modelling coordination [liaison letter](#)

ITU-T SG15: Latest version of ANT and HNT Standards Overviews and Work Plans [liaison letter](#)

ITU-T SG15: New version of ANT Standards Overview and Work Plan [liaison letter](#)

ITU-T SG15: New version of the HNT Standards Overview and Work Plan [liaison letter](#)

ITU-T SG15: OTNT Standardization Work Plan Issue 31 [liaison letter](#) and [attachment](#)

OIF: Progress on OIF CEI-112G-XSR+-PAM4 project [liaison letter](#) and [attachment](#)

OPEN Alliance TC7: Request to create a liaison relationship [liaison letter](#)

Mr Law asked if there was objection for a poll from the EC secretary regarding the Friday food and beverage service. No one responded.

Poll on Friday

If you will be at one of the three meetings on Friday (IEEE 802 EC Closing Plenary, the IEEE 802.11 Closing Plenary or the 802.1 IEC/IEEE 60802 meeting) will you participate (eat/drink):

[1] With breakfast?

[2] With the AM Break?

[3] With lunch?

[4] With the PM Break?

Mr Law asked for a show of hands for participants in the meeting room. Breakfast = 18. AM break = 12 Lunch = 13. Afternoon break = 10.

External Liaison reports

James Withey presented the ISO/IEC SC25/WG3 report to IEEE 802.3

https://www.ieee802.org/3/minutes/nov22/SC25WG3_Liaison_to_IEEE802d3_November2022_Withey.pdf

Wayne Larsen presented the TIA TR42 report to IEEE 802.3

https://www.ieee802.org/3/minutes/nov22/1122_TIA_TR42_report_to_802d1.pdf

Mr. Jon Lewis displayed the application tables report containing information about support of IEEE applications over TIA defined cabling media, including distances.

https://www.ieee802.org/3/private/liaison_docs/tia/1122_TIA_TR42_2nd_report_application_tables.pdf

Mr. Law asked about an ad hoc regarding the application tables report. Mr. Zimmerman volunteered to lead an ad hoc and participants interested should contact Mr. Zimmerman.

Opening reports:

IEEE 802.3 Maintenance opening report – Adam Healey

https://www.ieee802.org/3/minutes/nov22/1122_maint_open_report.pdf

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

https://www.ieee802.org/3/minutes/nov22/1122_3ck_open_report.pdf

Mr. Law asked for a round of applause for the completion of the Task Force. There was a round of applause.

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

https://www.ieee802.org/3/minutes/nov22/1122_cs_open_report.pdf

Mr. Law asked for a round of applause for the completion of the Task Force. There was a round of applause.

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

https://www.ieee802.org/3/minutes/nov22/2211_3cw_open_report.pdf

IEEE 802.3cx Improved PTP Timestamping Accuracy Task Force – Steve Gorshe

https://www.ieee802.org/3/minutes/nov22/802d3cx_task_force_opening_report_Nov_2022.pdf

IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet Task Force opening report – Steve Carlson

https://www.ieee802.org/3/minutes/nov22/1122_cy_open_report.pdf

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

https://www.ieee802.org/3/minutes/nov22/1114_P802d3cz_01_report.pdf

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

https://www.ieee802.org/3/minutes/nov22/802d3da_task_force_open_report_1122.pdf

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

https://www.ieee802.org/3/minutes/nov22/802d3db_task_force_opening_report_2022-11-14.pdf

Mr. Law asked for a round of applause for the completion of the Task Force. There was a round of applause.

IEEE P802.3de Time Synchronization for Pt-to-Pt Single Pair Ethernet Task Force - George Zimmerman

https://www.ieee802.org/3/minutes/nov22/802d3de_open_report_Nov2022.pdf

IEEE P802.3df 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet Task Force – John D’Ambrosia

https://www.ieee802.org/3/minutes/nov22/2211_3df_open_report.pdf

IEEE P802.3dg 100 Mb/s Long-Reach Single Pair Ethernet Task Force – George Zimmerman

https://www.ieee802.org/3/minutes/nov22/802d3dg_open_report_Nov2022.pdf

IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Task Force - Yuji Watanabe

https://www.ieee802.org/3/minutes/nov22/802d3dh_task_force_report_Nov_2022_Opening.pdf

IEEE 802.3 Greater than 50 Gb/s Bidirectional Optical Access PHYs Study Group – Frank Effenberger

<https://www.ieee802.org/3/minutes/jul22/BidirectionalOpeningReport.pdf>

IEEE 802.3 Industry Connections New Ethernet Applications – John Lewis

https://www.ieee802.org/3/minutes/nov22/1122_NEA_open_report.pdf

IEEE 802.3 Power Delivery Coordinating Committee (PDCC) Ad Hoc – Chad Jones

https://www.ieee802.org/3/minutes/nov22/PDCC_adhoc_open_report_1122.pdf

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

Mr. Law noted that there would be a survey regarding the March 2023 plenary that would be sent via the email reflector concerning the March plenary.

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

MOTION #3

Adjourn the meeting

M: Chad Jones

S: Mike Dudek

Procedural (> 50%)

Motion Passed by unanimous consent 14-Nov 2022, 12:20 ICT

Mr. Law then adjourned the meeting.

Adjourned.

Unapproved Minutes
IEEE 802.3 Ethernet Working Group
Hybrid Plenary Closing Meeting
November 17, 2022

<https://www.ieee802.org/3/minutes/nov22/index.html>

THURSDAY, 17 NOVEMBER 2022

Minutes were taken by Kent Lusted.

ADMINISTRATIVE MATTERS

Call to order

Mr. David Law, Chair of the IEEE 802.3 Ethernet Working Group, called the meeting to order at 13:00 ICT.

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

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

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

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

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

IEEE P802.3de Time Synchronization for Point-to-Point Single Pair Ethernet: George Zimmerman

IEEE P802.3df 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet: John D'Ambrosia

IEEE P802.3dg 100 Mb/s Long-Reach Single Pair Ethernet Task Force: George Zimmerman

IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Task Force: Yuji Watanabe

IEEE 802.3 Study Group chairs

IEEE 802.3 Greater than 50 Gb/s Bidirectional Optical Access PHYs: Frank Effenberger

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

IEEE P802.3cy Greater than 10 Gb/s Electrical Automotive Ethernet: Natalie Wienckowski

IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber: Mabud Choudhury

IEEE P802.3df 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet: Mark Nowell

Working Group Decorum

Mr. Law introduced the Working Group decorum as described in the opening report. Please see https://www.ieee802.org/3/minutes/nov22/1122_802_3_closing_plenary.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 outlined the rules of running discussion queue at the hybrid meeting – Mr. Law will be running the queue onsite and online.

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. There was no response.

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

https://www.ieee802.org/3/minutes/nov22/1122_802_3_closing_plenary.pdf#page=6.

Mr. Law informed the group that the November plenary meeting is subject to a registration fee and that there are penalties for non-payment of registration fees.

https://www.ieee802.org/3/minutes/nov22/1122_802_3_closing_plenary.pdf#page=8.

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: B. Grow

S: J. D'Ambrosia

Procedural (> 50%)

Motion Passed by unanimous consent 17-Nov 2022, 13:10 ICT

Call for patents

https://www.ieee802.org/3/minutes/nov22/1122_802_3_closing_plenary.pdf#page=11.

Mr. Law asked if anyone that is participating has not seen the patent slides this week, none responded.

Mr. Law asked if anyone was aware of any patent claims that are potentially essential to the proposed standards under development by the IEEE 802.3 Working Group. There was no response.

Mr. Law asked that Mr. Lusted record that:

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

There was no response to the call for potentially essential patent claims

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/nov22/1122_802_3_closing_plenary.pdf#page=16

Mr. Law asked if anyone that is participating has not seen the copyright slides this week, none responded.

Mr. Law advised 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/nov22/1122_802_3_closing_plenary.pdf#page=19

Mr. Law asked if anyone that is participating has not seen the participation slides this week, none responded.

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.

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://iee802.org/3/rules/index.html> for complete information.

Mr. Lewis reviewed the membership and attendance tool procedures.

https://www.ieee802.org/3/minutes/nov22/1122_802_3_opening_plenary.pdf#page=25

Review of voting membership

Please see https://www.ieee802.org/3/minutes/nov22/1122_voters.pdf

Review of voters in peril

Please see https://www.ieee802.org/3/minutes/nov22/1122_peril.pdf

Review of Potential voters

Please see https://www.ieee802.org/3/minutes/nov22/1122_potential.pdf

The following requested to become members:

Lieder, Eyal

Lu, Yuchun

Yin, Shuang

Lin, Youxi

Sluyski, Mike

There was a question about the count of potential voters and the reported list of potential report.

There were two participants that asked to become members and Mr. Law indicated that they were not eligible due to their attendance.

Mr. Law asked if there was objection to moving to the next agenda item while Mr. Lewis looking into a reporting issue with the potential voter list.

Mr. Law indicated that there would be a report from IEEE 802 Nendica.

Mr. Lewis displayed the corrected list of potential voters where entries 43-48 were missing. No other people requested membership.

Mr. Nowell noted that two participants were not on the list from Monday and may not have been at the closing plenary. Mr. Law indicated that he would send a note to the email reflector.

Mr. Law indicated that he would like to move to the IEEE 802.1 TSN: Cut-through Bridging agenda item ahead of the appointment of the liaison officers agenda item. Mr. Law asked if there was objection. No one responded.

Proposed P802.1DU PAR Cut-Through Forwarding Bridges and Bridges Networks – Norm Finn
<https://www.ieee802.org/1/files/public/docs2022/du-cut-through-summary-1122-v04.pdf>

Mr. Law indicated that he would appoint Carlos Pardo as the IEEE 802.3 liaison officer to ISO TC 22/SC 32.

Mr. Law indicated that he would appoint Marek Hajduczenia as the nominated designated expert for the IANA-MAU-MIB registry.

MOTION #2

Confirm Carlos Pardo as the IEEE 802.3 liaison officer to ISO TC 22/SC 32.

M: G. Thompson

S: C. Jones

Technical ($\geq 75\%$)

Y: 117 N: 0 A: 6

Motion Passed 17-Nov 2022, 14:10 ICT

MOTION #3

Confirm Marek Hajduczenia as the nominated designated expert for the IANA-MAU-MIB registry.

M: C. Jones

S: S. Carlson

Technical ($\geq 75\%$)

Y: 101 N: 0 A: 1

Motion Passed 17-Nov 2022, 14:15 ICT

LIAISONS

External Liaison letters (old)

ITU-T SG5: Reply to IEEE 802.3 Working Group LS110 [liaison letter part 1](#)

ITU-T SG5: Reply to IEEE 802.3 Working Group LS110 [liaison letter part 2](#)

ITU-T SG5: Reply to IEEE 802.3 Working Group LS110 [liaison letter part 3](#)

OIF: 800ZR/800LR IA project update [liaison letter](#)

External Liaison letters (new)

ITU-T SG15: 100-Gb/s bidirectional, single-fibre, point-to-point optical access system [liaison letter](#)

OPEN Alliance TC7: Request to create a liaison relationship [liaison letter](#)

TIA TR42: Review of [application tables in ANSI/TIA-568.0-E](#)

Future Meetings Report – Steve Carlson

https://www.ieee802.org/3/minutes/nov22/1122_meetings.pdf

Straw Poll:

[1] How many people would like to come back to this venue?

In room: Yes: 44, No: 5

Remote: Yes: 26, No: 22

[2] Did you go to the social?

In room: Yes: 43, No: 11

Remote: Yes: 12, No: 36

[3] Did you like the social?

In Room: Yes: 35, No: 2

Remote: Yes: 23, No: 25

Mr. Healey noted that the links to the copyright policy links were no longer valid due to website changes. Mr. Healey would send the updated link to the website.

Closing reports and actions:

IEEE 802.3 Maintenance – Adam Healey

https://www.ieee802.org/3/minutes/nov22/1122_maint_close_report.pdf

MOTION #4

Submit IEEE Std 802.3-2022 to ISO/IEC JTC 1/SC 6 for approval under the PSDO process

M: A. Healey on behalf of the Task Force

Technical ($\geq 75\%$)

Y: 93 N: 0 A: 0

Motion Passed 17-Nov 2022, 14:43 ICT

MOTION #5

Submit IEEE Std 802.3dd-2022, IEEE Std 802.3cs-2022, IEEE Std 802.3db-2022, and IEEE Std 802.3ck-2022 to ISO/IEC JTC 1/SC 6 for preview in anticipation that these standards will later be submitted to ISO/IEC JTC1 for ratification as an ISO/IEC standard under the PSDO process

M: A. Healey on behalf of the Task Force

Technical ($\geq 75\%$)

Y: 96, N: 0, A: 0

Motion Passed 17-Nov 2022, 14:45 ICT

Mr. Healey reviewed the Revision project awards.

Break at 14:55. Resumed at 15:12

IEEE 802.3cx Improved PTP Timestamping Accuracy Task Force – Steve Gorshe

https://www.ieee802.org/3/minutes/nov22/802d3cx_task_force_closing_report_Nov_2022.pdf

MOTION #6

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in <https://mentor.ieee.org/802-ec/dcn/19/ec-19-0220-01-ACSD-p802-3cx.pdf>

and request conditional approval to progress IEEE P802.3cx draft to RevCom once the IEEE Standards Association ballot process has been successfully completed

M: Steve Gorshe

S: Marek Hajduczenia

Technical ($\geq 75\%$)

Y: 73, N: 0, A: 2

Motion Passed 17-Nov 2022, 15:20 ICT

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

https://www.ieee802.org/3/minutes/nov22/1122_cy_close_report.pdf

MOTION #7

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in <https://mentor.ieee.org/802-ec/dcn/20/ec-20-0094-00-ACSD-p802-3cy.pdf> and request unconditional approval to progress the IEEE P802.3cy draft to IEEE Standards Association ballot.

M: On behalf of the task force

Technical ($\geq 75\%$)

Y: 90, N: 0, A: 3

Motion Passed 17-Nov 2022, 15:32 ICT

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

https://www.ieee802.org/3/minutes/nov22/1117_P802d3cz_02_close_report.pdf

MOTION #8

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0084-00-ACSD-p802-3cz.pdf> and request conditional approval to submit the IEEE P802.3cz draft to RevCom.

M: R. Grow on behalf of the task force

Technical ($\geq 75\%$)

Y: 85, N: 1, A: 7

Motion Passed 17-Nov 2022, 15:42 ICT

MOTION #9

Move that

- the IEEE 802.3 Working Group approve 1122_OpenAllianceTC7_response_Redacted.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communication from the IEEE 802.3 Working Group to OPEN Alliance TC7
- Confirm the appointment of Luis Manuel Torres as the IEEE 802.3 liaison representative to Open Alliance TC7

M: R. Grow

S: V. Ferretti

Technical ($\geq 75\%$)

Y: 82, N: 0, A: 0

Motion Passed 17-Nov 2022, 15:48 ICT

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

https://www.ieee802.org/3/minutes/nov22/802d3da_task_force_close_report_1122.pdf

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

Mr. Zimmerman reviewed the Task Force awards.

IEEE P802.3df 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet Task Force – John D’Ambrosia

https://www.ieee802.org/3/minutes/nov22/2211_3df_close_report.pdf

MOTION #10

Move that the IEEE 802.3 Working Group approve:

- IEEE P802.3df Project Documentation Modification
 - Objectives – Page 7 of 2211_3df_close_report
 - PAR – <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0196-03-00EC-draft-ieee-p802-3df-par-modification.pdf>
 - CSD – Pages 30 – 37 of 2211_3df_close_report
- IEEE P802.3dj Project Documentation
 - Objectives – Pages 8 – 9 of 2211_3df_close_report
 - PAR - <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0198-03-00EC-draft-ieee-p802-3dj-par.pdf>
 - CSD – Pages 49 – 56 of 2211_3df_close_report

M: J. D’Ambrosia

S: M. Nowell

Technical ($\geq 75\%$)

Y: 82, N: 0, A: 3

Motion Passed 17-Nov 2022, 16:14 ICT

MOTION #11

Move that the IEEE 802.3 Working Group grant approval for the P802.3df and P802.3dj Task Forces to take motions during any joint meeting between these task forces only

Technical ($\geq 75\%$)

M: J. D’Ambrosia

S: M. Nowell

Technical ($\geq 75\%$)

Motion Passed by unanimous consent 17-Nov 2022, 16:16 ICT

MOTION #12

Move that the IEEE P802.3 Working Group approve:

IEEE_802d3_to_OIF_3df_1122_draft_Redacted.pdf

with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to OIF.

M: J. D'Ambrosia

S: G. Zimmerman

Technical ($\geq 75\%$)

Motion Passed by unanimous consent 17-Nov 2022, 16:31 ICT

Mr. Law noted that if the P802.3dj Task Force PAR is approved, then he intends to appoint Mr. D'Ambrosia as Chair.

IEEE P802.3dg 100 Mb/s Long-Reach Single Pair Ethernet Task Force – George Zimmerman

https://www.ieee802.org/3/minutes/nov22/802d3dg_close_report_Nov2022.pdf

IEEE P802.3dh Multi-Gigabit Automotive Ethernet over Plastic Optical Fiber Task Force - Yuji Watanabe

[https://www.ieee802.org/3/minutes/nov22/1117_P802d3dh_closing_report%20\(002\).pdf](https://www.ieee802.org/3/minutes/nov22/1117_P802d3dh_closing_report%20(002).pdf)

IEEE 802.3 Greater than 50 Gb/s Bidirectional Optical Access PHYs Study Group – Frank Effenberger

https://www.ieee802.org/3/minutes/nov22/1122_GT50GBiDi_SG_ClosingReport.pdf

MOTION #13

Move that the IEEE 802.3 Working Group approve the IEEE P802.3dk PAR, in

<https://mentor.ieee.org/802-ec/dcn/22/ec-22-0200-00-00EC-draft-ieee-p802-3dk-par.pdf>

M: Frank Effenberger on behalf of the Study Group

Technical ($\geq 75\%$)

Y: 64, N: 0, A: 4

Motion Passed 17-Nov 2022, 16:43 ICT

MOTION #14

Move that the IEEE 802.3 Working Group approve the IEEE P802.3dk CSD responses, in <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0201-00-00EC-draft-ieee-p802-3dk-csd.pdf>

M: Frank Effenberger on behalf of the Study Group

Technical ($\geq 75\%$)

Y: 63, N: 0, A: 3

Motion Passed 17-Nov 2022, 16:45 ICT

MOTION #15

Move that the IEEE 802.3 Working Group approve the IEEE P802.3dk Objectives, in https://ieee802.org/3/GT50GBIDI/public/2210/Draft_GT50Gbidi_OBJv3.pdf

M: Frank Effenberger on behalf of the Study Group

Technical ($\geq 75\%$)

Motion Passed by unanimous consent 17-Nov 2022, 16:46 ICT

MOTION #16

Move that the IEEE 802.3 Working Group request the re-chartering of the >50 Gb/s bidirectional optical access PHYs Study Group.

M: Frank Effenberger

S: S. Carlson

By Rule ($> 50\%$)

Y: 63, N: 0, A: 0

Motion Passed 17-Nov 2022, 16:49 ICT

Mr. Law noted that if the P802.3dk Task Force PAR is approved, then he intends to appoint Yuanqiu Luo as Chair.

MOTION #17

Move that the IEEE 802.3 Working Group approve the liaison, as shown in <https://grouper.ieee.org/groups/802/3/GT50GBIDI/public/2211/DraftBiDiLiaison.pdf>, with editorial license granted to the chair (or his appointed agent) as a liaison communication to ITU-T SG15.

M: F. Effenberger

S: M. Laubach

Technical ($\geq 75\%$)

Y: 67 , N: 0 , A: 1

Motion Passed 17-Nov 2022, 16:57 ICT

IEEE 802.3 Power Delivery Coordinating Committee (PDCC) Ad Hoc – Chad Jones

https://www.ieee802.org/3/minutes/nov22/PDCC_adhoc_close_report_1122.pdf

MOTION #18

Move that the IEEE 802.3 Working Group approve the delegation of Bob Voss, Chad Jones, David Law, Geoff Thompson, and George Zimmerman as IEEE 802.3 representatives from the IEEE 802.3 Working Group to ISO/IEC JTC1/SC25/WG3 for the Feb/Mar 2023 meeting series and any subsequent meetings required to complete the work of that session

M: Wayne Larsen

S: J. Withey

Technical ($\geq 75\%$)

Y: 72, N: 0, A: 1

Motion Passed 17-Nov 2022, 17:02 ICT

MOTION #19

Move that the IEEE 802.3 Working Group approve:

IEEE_802d3_to_TC64_draft_1122v2_Redacted.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to IEC TC64

M: Chad Jones

S: G. Zimmerman

Technical (>= 75%)

Y: 73, N: 0, A: 3

Motion Passed 17-Nov 2022, 17:08 ICT

The comments annotated in T01020028860701MSWEv2.pdf were reviewed in the WG meeting.

Files found here:

https://www.ieee802.org/3/ad_hoc/PDCC/private/K147/T01020028860701MSWE-v2.pdf

https://www.ieee802.org/3/ad_hoc/PDCC/private/K147/TD561-R1%20Attach1-Updated%20TD185-attachment-PDCCv2.docx

MOTION #20

Move that the IEEE 802.3 Working Group approve: The comments in the file “TD561-R1 Attach1-Updated TD185-attachment-PDCC.docx” AND “IEEE_802d3_to_ITU_T_SG5_1122.docx” with editorial license granted to the Chair (or his appointed agent) to reformat into the ITU comment template for submission as comments against ITU K.147 Last Call draft SG5-TD561-R2 and edit the cover letter as a liaison from the IEEE 802.3 Working Group to ITU-T SG 5

M: J. Withey

S: L. Torres

Technical (>= 75%)

Y: 60, N: 0, A: 4

Motion Passed 17-Nov 2022, 17:45 ICT

Mr. Law indicated that the TIA TR42 liaison letter agenda item was missed. Mr. Law chartered Mr. Zimmerman to hold a teleconference ad hoc to address the item.

Other business: None

MOTION #21

Motion to adjourn

M: J. D'Ambrosia

S: P. Stassar

Procedural (> 50%)

Motion Passed by unanimous consent 17-Nov 2022, 17:48 ICT

Adjourned.

The list of participants for this meeting (including employers and affiliations) can be found at:
https://www.ieee802.org/3/minutes/nov22/1122_attendance_hybrid.pdf

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