Motions and Straw Polls

IEEE 802.3 400GPL Study Group Meeting

Nov 2026 Plenary Meeting

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Foreword

- This contribution summarizes motions and straw polls.
- This contribution is not the official minutes of the meeting.

If there is any discrepancy between this contribution and the meeting minutes, then the minutes take precedence.

9 Nov 2026

Motion #1: Confirm TF Chair & Vice Chair

Move to confirm Kent Lusted as the IEEE P802.3dv Task Force Chair and Mark Nowell as IEEE P802.3dv Task Force Vice Chair.

M: J. D'Ambrosia

S: J. Slavick

By Rule (>75%)

Results: Passed by Unanimous Consent at 1:29 pm

Motion #2: Confirm TF Chief Editor

Move to confirm Matt Brown as the IEEE P802.3dv Chief Editor.

M: A. Ran

S: M. Dudek

By Rule (>75%)

Results: Passed by unanimous consent at 1:40 pm

10 Nov 2026

Straw Poll #1: Optical Transmitter Test

In welch_3dv_01c_2611 which proposes the optical parameter baseline, I would prefer the approach of:

a) slides 7-10 (TDECQ approach)
b) slides 10, 17-19 (TECQ approach)
c) Need more information

(Pick One)

Results (all):

A: 26 B: 41 C: 52

Straw Poll #2: Optical Baseline

I support adopting the optical parameter baseline based on welch_3dv_02_2611 (slides 3-6)

Yes / No

(Pick One)

Results (all):

Y: 45 N: 55

11 Nov 2026

Motion #3: Liaisons

Move that the IEEE P802.3dv Task Force approve IEEE_802d3_to_UEC_OIF_UALink_ITU_INCITS_OCP_3dv_1126_draft_Redacted.pdf (adding liaison officers, where appropriate) and IEEE_802d3_to_OSFP_XPO_3dv_1126_draft_Redacted.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to UEC, OIF, UALink, ITU, INCITS, OCP, and OSFP, XPO.

M: J. D'Ambrosia

S: J. Weaver

Procedural (>50%)

Results: Approved by unanimous consent at 12:01 pm

Motion #4: CR obj wording harmonization

Move to revise the objectives:

- Define a single-lane, 400 Gb/s PHY for operation over twin-axial copper cables with lengths up to at least 1 meter
- Define a two-lane, 800 Gb/s PHY for operation over twin-axial copper cables with lengths up to at least 1 meter
- Define a four-lane, 1.6 Tb/s PHY for operation over twin-axial copper cables with lengths up to at least 1 meter

to:

- Define a single-lane, 400 Gb/s physical layer specification for operation over twin-axial copper cables with lengths up to at least 1 meter
- Define a two-lane, 800 Gb/s physical layer specification for operation over twin-axial copper cables with lengths up to at least 1 meter
- Define a four-lane, 1.6 Tb/s physical layer specification for operation over twin-axial copper cables with lengths up to at least 1 meter

M: Mark Nowell

S: Mike Dudek

Technical (>= 75%)

Results: Passed by unanimous consent at 4:47 pm

Recap: From Lisbon meeting

Straw Polls #8 & 9: Electrical Modulation

I believe PAM6 electrical interface(s) should be standardized in IEEE P802.3dv. Y/N/NMI

I believe PAM4 electrical interface(s) should be standardized in IEEE P802.3dv. Y/N/NMI

Results:
SP8 (PAM6) – Y: 54 N: 17 NMI: 20
SP9 (PAM4) – Y: 85 N: 1 NMI: 6

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Straw Poll #3: PAM6 by interface

I believe PAM6 electrical interface(s) should be standardized in IEEE P802.3dv for:

A. copper cable (CR)
B. electrical backplane (KR)
C. AUI C2C
D. AUI C2M (for front panel)
E. AUI for NPO (aka “C2M-S”)

(Chicago rules)

Results: A: 74 B: 78 C: 53 D: 46 E: 11

83 people voted, 132 in the webex

Straw Poll #4: PAM4 by interface

I believe PAM4 electrical interface(s) should be standardized in IEEE P802.3dv for:

A. copper cable (CR)
B. electrical backplane (KR)
C. AUI C2C
D. AUI C2M (for front panel)
E. AUI for NPO (aka “C2M-S”)

(Chicago rules)

Results: A: 83 B: 76 C: 95 D: 104 E: 104

107 people voted, 133 in the webex

Straw Poll # 5, 6 Electrical Modulation

I believe these electrical interface(s) should be standardized in IEEE P802.3dv: (Pick One)

SP 5: copper cable:

(A) PAM4 (B) PAM6 (C) both (D) None (E) NMI

SP 6: electrical backplane:

(A) PAM4 (B) PAM6 (C) both (D) None (E) NMI

SP #5 Results: A: 18 B: 21 C: 53 D: 4 E: 1

SP #6 Results: A: 16 B: 22 C: 58 D: 0 E: 1

97 response to the poll, 130 people in the webex

Straw Poll # 7, 8, 9 Electrical Modulation

I believe these electrical interface(s) should be standardized in IEEE P802.3dv: (Pick One)

SP 7: AUI C2C:

A) PAM4 (B) PAM6 (C) both (D) None (E)NMI

SP 8: AUI C2M (front panel):

(A) PAM4 (B) PAM6 (C) both (D) None (E)NMI

SP 9: AUI C2M (for NPO, aka “C2M-S”):

(A) PAM4 (B) PAM6 (C) both (D) None (E)NMI

SP #7 Results: A: 46 B: 6 C: 44 D: 1 E: 1

SP #8 Results: A: 53 B: 3 C: 41 D: 0 E: 1

SP #9 Results: A: 86 B: 0 C: 9 D: 1 E: 1

98 responses on the poll. 130 people in the webex

12 Nov 2026

Motion #5: Reconsider Motion #4

Move to reconsider motion #4.

M: M. Nowell

S: J. Maki

Procedural (>50%)

Results: Motion passed by unanimous consent at 8:07 am

Motion #6: Amend Motion #4

Move to amend motion #4 to:

“Move to revise the objectives:

- Define a single-lane, 400 Gb/s PHY for operation over twin-axial copper cables with lengths up to at least 1 meter
- Define a two-lane, 800 Gb/s PHY for operation over twin-axial copper cables with lengths up to at least 1 meter
- Define a four-lane, 1.6 Tb/s PHY for operation over twin-axial copper cables with lengths up to at least 1 meter

to:

- Define a single-lane, 400 Gb/s physical layer specification that supports operation over twin-axial copper cables with lengths up to at least 1 meter
- Define a two-lane, 800 Gb/s physical layer specification that supports operation over twin-axial copper cables with lengths up to at least 1 meter
- Define a four-lane, 1.6 Tb/s physical layer specification that supports operation over twin-axial copper cables with lengths up to at least 1 meter

”

M: M. Nowell

S: M. Dudek

Procedural (>50%)

Results: Motion passes by unanimous consent at 8:09 am

Motion #4(amended): CR obj wording harmonization

Move to revise the objectives:

- Define a single-lane, 400 Gb/s PHY for operation over twin-axial copper cables with lengths up to at least 1 meter
- Define a two-lane, 800 Gb/s PHY for operation over twin-axial copper cables with lengths up to at least 1 meter
- Define a four-lane, 1.6 Tb/s PHY for operation over twin-axial copper cables with lengths up to at least 1 meter

to:

- Define a single-lane, 400 Gb/s physical layer specification that supports operation over twin-axial copper cables with lengths up to at least 1 meter
- Define a two-lane, 800 Gb/s physical layer specification that supports operation over twin-axial copper cables with lengths up to at least 1 meter
- Define a four-lane, 1.6 Tb/s physical layer specification that supports operation over twin-axial copper cables with lengths up to at least 1 meter

M: M. Nowell

S: M. Dudek

Technical (>= 75%)

Results: Motion passes by unanimous consent at 8:10 am.