

Motions and Straw Polls

IEEE 802.3 400GPL Study Group Meeting

May 2026 Interim Meeting

Beth Kochuparambil, Cisco

Kent Lusted, Synopsys

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.

11 May 2026

Motion #1: SG Chair

Move to confirm Kent Lusted as IEEE 802.3 400 Gb/s/lane Signaling Study Group Chair.

M: A. Healey

S: M. Dudek

By rule $\geq 75\%$

Results: Passed by Unanimous Consent

Motion #2: SG ViceChair

Move to confirm Mark Nowell as IEEE 802.3 400 Gb/s/lane Signaling Study Group Vice Chair.

M: E. Opsasnick

S: J. D'Ambrosia

By rule $\geq 75\%$

Results: Passed by Unanimous Consent

Motion #3: Foundational Mix/Max Size, Format

Move to adopt the following objectives:

- Support full-duplex operation only
- Preserve the Ethernet frame format utilizing the Ethernet MAC
- Preserve minimum and maximum FrameSize of current IEEE 802.3 standard

M: M. Nowell

S: J. Slavick

Technical \geq 75%

Results: Passed by Unanimous Consent

Motion #4: BER

Move to adopt the following objective:

- Support a BER of better than or equal to 10^{-13} at the MAC/PLS service interface (or the frame loss ratio equivalent)

M: M. Brown

S: D. Ofelt

Technical \geq 75%

Results: Passed by Unanimous Consent

Motion #5: 500m SMF

Move to adopt the following objectives:

- Define a physical layer specification that supports 400 Gb/s operation over 1 pair of SMF with lengths up to at least 500 m
- Define a physical layer specification that supports 800 Gb/s operation over 2 pairs of SMF with lengths up to at least 500 m
- Define a physical layer specification that supports 1.6 Tb/s operation over 4 pairs of SMF with lengths up to at least 500 m

M: J. Johnson

S: G. Mi

Technical \geq 75%

Results: Passed by Unanimous Consent

Motion #6: AUI C2M/C2C

Move to adopt the following objectives:

- Support optional single-lane 400 Gb/s attachment unit interfaces for chip-to-module and chip-to-chip applications
- Support optional two-lane 800 Gb/s attachment unit interfaces for chip-to-module and chip-to-chip applications
- Support optional four-lane 1.6 Tb/s attachment unit interfaces for chip-to-module and chip-to-chip applications

M: M. Brown

S: A. Healey

Technical \geq 75%

Results: Passed by Unanimous Consent

Motion #7: CR

Move to adopt the following 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.

M: M. Nowell

S: N. Tracy

Technical \geq 75%

Results: Passed by Unanimous Consent

Motion #8: CSD Responses

Move to adopt the CSD “Managed Objects”, “Coexistence”, “Broad Market Potential”, “Compatibility”, “Distinct Identity”, “Technical Feasibility”, and “Economic Feasibility” responses, as per [nowell_400GPL_02b_2605.pdf](#)

M: M. Nowell

S: D. Ofelt

Technical \geq 75%

Results: Passed by Unanimous Consent

Motion #9: PAR Form Responses

Move to adopt the PAR responses in Draft_P802.3dv_260511.pdf

M: J. D'Ambrosia

S: M. Choudhury

Technical \geq 75%

Results: Passed by Unanimous Consent