

Motions and Straw Polls

IEEE P802.3dm Asymmetrical Electrical Automotive
Ethernet Task Force

Jon Lewis

Dell Technologies

802.3dm Interim Meeting, 22-24 January 2025

Phoenix, AZ, USA

Straw Poll #1

- Have we seen sufficient data to make an opinion for IL?
- Yes - 29
- No - 17

Straw Poll #2

- Have we seen sufficient data to make an opinion for RL?
- Yes - 21
- No - 25

Straw Poll #3

- I support coax and STP IL limit lines as shown in Zerna_802.3dm_01_250122_IL_RL.pdf pages 5-6 labeled “_TestSpec”
- Yes - 21
- No - 30

Straw Poll #4

- I support having separate IL limit lines for STP and Coax.
- Yes - 32
- No - 15

Straw Poll #5

- I support adopting 64B/65B encoding for all data rates and for both directions.
- Yes - 44
- No - 2

Straw Poll #6

- I support adopting XGMII for all data rates and for both directions determined by the bit rate.
- Yes - 44
- No - 1

Straw Poll #7

- Do you have sufficient information concerning PAM4 for 10G high-speed direction.
- Yes - 39
- No - 8

Straw Poll #8

- I support PAM4 modulation for 10G high-speed direction.
- Yes - 39
- No - 9

Straw Poll #9

- I support adding the following objective.
- The resulting standard will not preclude crystal-less operation of the high-data rate transmitter.

- Yes - 27
- No - 24

Straw Poll #10

- I support including impedance information (either as requirements or recommendations) for Power over Coax and Power over Data Line filtering in the 802.3dm draft.
- Yes - 30
- No - 20

Motion #3

- Move to adopt XGMII (IEEE Std 802.3 clause 46) for all data rates and for both directions with clocks determined by direction's bit rate.
- Moved by: Mehmet Tazebay
- Second by: Max Turner
- Technical ($\geq 75\%$)
- 802.3 voters only
- Yes: 44 No: 0 Abstain: 4
- Motion Passes (results will be listed in the minutes, once posted)

Motion #4

- Move to adopt 64B/65B encoding of the XGMII input to the PHY for both directions and all data rates.
- Moved by: Mehmet Tazebay
- Second by: Ragnar Jonsson
- Technical ($\geq 75\%$)
- 802.3 voters only
- Passed without objection

Motion #5

- Adopt the text shown on slide 3 of Zimmerman_text_to_adopt_xgmii_0125b.pdf
- M: M. Tazebay
- S: G. Zimmerman
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- Technical ($\geq 75\%$)
- 802.3 voters only
- Passed without objection

Motion #6

- Move to adopt PAM4 modulation for 10G transmitter.
- M: Hossein Sedarat
- S: Mehmet Tazebay
-
- Technical ($\geq 75\%$)
- 802.3 voters only
- Motion Passes without objection

Motion #7

- Move to adopt the text in MotionPam4For10G.pdf slide 3 for Clause 200.4.2.2.17 with editorial license granted to the editor.
- M: Hossein Sedarat
- S: TJ Houck
-
- Technical ($\geq 75\%$)
- 802.3 voters only
- Motion passes without objection

Thank You!