

Motions and Straw Polls

IEEE P802.3cw, IEEE P802.3df and P802.3dj Task Force Joint Meeting

November 2023 Plenary

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Foreword

- Straw polls related to resolving comments may be found in the associated comment response files.
- This contribution summarizes motions and straw polls not related to comments.
- 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.

13 November 2023

Motion #1

Move to affirm the modified IEEE P802.3cw CSD responses as summarized in Slides 3 – 10 of dambrosia_3cw_01a_2311.pdf

M: Tom Issenhuth

S: Eric Maniloff

Technical ($\geq 75\%$)

802.3 voters only

Result: Y: 65, N: 2, A: 7

Motion passed 2:19 p.m.

Task Force: 3cw

Motion #2

Move to adopt the proposed responses for P802.3df D3.1 comment resolution in

https://www.ieee802.org/3/df/comments/D3p1/8023df_D3p1_comments_bucket1_id.pdf except # R1-43, R1-45, R1-46, R1-34, R1-36, R1-5, R1-1, R1-3, R1-35, R1-23, R1-18, R1-39, R1-19

M: Matt Brown

S: Piers Dawe

Technical (>=75%)

802.3 voters only

Results: passed by unanimous consent. 2:24 p.m.

Task Force: 3df

Straw Poll #1

I would support adopting the proposed Class A and Class B package parameters in lim_3dj_01a_2311 slides 8-9 for 200G/lane backplane and copper cable PHYs as a baseline proposal

Results (all): Y: 54, N: 1, NMI: 11, A: 31

Straw Poll #2

I would support further investigation of COM analysis for AUI C2M that does not use a module-side package assumption

Results (all): Y: 43, N: 22, A: 35

Straw Poll #3

I would support focusing the AUI C2M analysis on channels with low skew at this time.

Results (all): Y: 33, N: 24, A: 38

Straw Poll #4

To support a higher AUI C2M ILdd target, the one EQ parameter that I least support changing is:

- A. Reduce “noise” eta_0 (e.g. $\sim 1.25E-8$ -> $\sim 6E-9$)
- B. Use MLSE
- C. Increase # of post-cursor RXFFE taps beyond 24
- D. Increase TX amplitude “A_v” above 0.386
- E. Relax tap limits

(choose one)

Results (all): A: 9, B: 17, C: 2, D: 8, E: 3

14 November 2023

Straw Poll #5

I would support the host and cable assembly insertion loss budgets proposed in the magenta box “proposed baseline content” in tracy_3dj_01a_2311, slide 12, for the copper cable objectives. Specific host and cable assembly nomenclature is a TBD.

Results (all): Y: 68, N: 2, A: 24

Straw Poll #6

I would support $DER_0 = 2e-4$ for 200 Gb/s per lane backplane and copper cable PMD link

Results (all): Y: 68, N: 0, NMI: 9, A: 22

Straw Poll #7

I would support adopting numbers in the TP1-TP4 IL column and the MCB loss in the figure XXXA-3 on slide 9 of diminico_3dj_01_2311.pdf

Results (all): Y: 45, N: 4, NMI: 9, A: 33

Motion #3

Move that the P802.3df Task Force approve:

- IEEE_802d3_to_ITU_3df_1123_Redacted.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to ITU-T SG15.

M: Tom Huber

S: Peter Stassar

Technical ($\geq 75\%$)

802.3 voters only

Results: passed by unanimous consent. 4:56 p.m.

Motion #4

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in <https://mentor.ieee.org/802-ec/dcn/21/ec-21-0306-01-ACSD-p802-3df.pdf> and request conditional approval to progress the IEEE P802.3df draft to RevCom once the IEEE Standards Association ballot process has been successfully completed.

M: Tom Issenhuth

S: Piers Dawe

Technical ($\geq 75\%$)

802.3 voters only

Result: Passed by unanimous consent. 5:11 p.m.

Task Force: 3df

Motion #5

Move that the IEEE P802.3df Task Force generate Draft 3.2 for the second IEEE SA Ballot Recirculation from D3.1 and the closed comments

M: Matt Brown

S: Piers Dawe

Technical ($\geq 75\%$)

802.3 voters only

Result: passed by unanimous consent. 5:34 p.m.

Task Force: 3df

15 November 2023

Motion #6

Move that the P802.3df Task Force approve:

- IEEE_802d3_to_ITU_3dj_1123_Redacted.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to ITU-T SG15.

M: Peter Stassar

S: Mark Nowell

Technical ($\geq 75\%$)

802.3 voters only

Results: Passed by unanimous consent. 8:21 a.m.

Straw Poll #8

I would support adopting the proposal on slide 2 of
lusted_3dj_07a_2311

Results (all): Y: 88, N: 2, A: 13

Motion #7

Move to adopt the proposal on slide 2 of lusted_3dj_07a_2311

M: David Ofelt

S: Mike Dudek

Technical ($\geq 75\%$)

802.3 voters only

Result: Passed by unanimous consent. 4:22 p.m.

Task Force: 3dj

16 November 2023

Motion #8

Move to adopt gustlin_3dj_01_2311 to fill the 802.3dj logic baseline holes that were identified in brown_3dj_01_2309

M: Mark Gustlin

S: Shawn Nicholl

Technical ($\geq 75\%$)

802.3 voters only

Result: Passed by unanimous consent. 8:09 a.m.

Task Force: 3dj

Motion #9

Move to adopt the two package approach proposed in
lusted_3dj_02_2311 slide #4

M: Mike Li

S: Liav Ben-Artzi

Technical ($\geq 75\%$)

802.3 voters only

Result: passed unanimous consent. 8:14 a.m.

Task Force: 3dj

Motion #10

Move to adopt the proposed Class A and Class B package parameters in lim_3dj_01a_2311 slides 8-9 for 200G/lane backplane and copper cable PHYs as a baseline proposal

M: Mike Li

S: Liav Ben-Artzi

Technical ($\geq 75\%$)

802.3 voters only

Result: passed by unanimous consent 8:25 a.m.

Task Force: 3dj

Motion #11

Move to adopt the host and cable assembly insertion loss budgets proposed in the magenta box “proposed baseline content” in tracy_3dj_01a_2311, slide 12, for the copper cable objectives. Specific host and cable assembly nomenclature is a TBD.

M: Jim Weaver

S: Leesa Noujeim

Technical ($\geq 75\%$)

802.3 voters only

Result: Passed by unanimous consent. 8:29 a.m.

Task Force: 3dj

Motion #12

Move to adopt $DER_0 = 2e^{-4}$ for 200 Gb/s per lane backplane and copper cable PMD link

M: Adam Healey

S: Howard Heck

Technical ($\geq 75\%$)

802.3 voters only

Result: Passed by unanimous consent. 8:32 a.m.

Task Force: 3dj

Straw Poll #9

I would support adopting the “TP1-TP4 IL” column in the table and MCB insertion loss (2.7 dB) on slide 9 of diminico_3dj_01_2311 for 200GBASE-CR1, 400GBASE-CR2, 800GBASE-CR4 and 1.6TBASE-CR8 PHYs.

Note: Not taken. Duplicate of Straw Poll #7 from 14 November

Motion #13

Move to adopt the “TP1-TP4 IL” column in the table and MCB insertion loss (2.7 dB) on slide 9 of diminico_3dj_01_2311 for 200GBASE-CR1, 400GBASE-CR2, 800GBASE-CR4 and 1.6TBASE-CR8 PHYs.

M: Chris Diminico

S: Nathan Tracy

Technical ($\geq 75\%$)

802.3 voters only

Result: passed by unanimous consent. 9:02 a.m.

Task Force: 3dj

Motion #14

Move to amend motion #13 to be:

- Move to adopt the “TP1-TP4 IL” column in the table and MCB insertion loss (2.7 dB to be confirmed) on slide 9 of diminico_3dj_01_2311 for 200GBASE-CR1, 400GBASE-CR2, 800GBASE-CR4 and 1.6TBASE-CR8 PHYs.

M: Piers Dawe

S: Jim Theodoras

Technical ($\geq 75\%$)

802.3 voters only

Result: Y: 26, N: 35, A: 28 motion fails 9:01 a.m.

Task Force: 3dj

Straw Poll #10

I would support the adoption of the 800GBASE-LR4 PMD baseline as shown in rodes_3dj_01a_2311 pages 4-9

Results (all): Y: 83, N: 0, A: 22

Motion #15

Move to adopt the 800GBASE-LR4 PMD baseline as shown in rodes_3dj_01a_2311 pages 4-9

M: Roberto Rodes

S: Xiang Liu

Technical ($\geq 75\%$)

802.3 voters only

Result: Y: 78, N: 1, A: 14 Motion passed

Task Force: 3dj

Straw Poll #11

For the 800GBASE-LR1 (10km SMF single wavelength) I would support basing the specification on:

- A. O Band
- B. C Band
- C. Need more information
- D. Abstain

Results (all): A: 34, B: 20, C: 22, D: 33