

# Motions and Straw Polls

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

March 2024 Plenary

Kent Lusted, Intel

John D'Ambrosia, Futurewei, U.S. Subsidiary of Huawei

# 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.

11 March 2024

# Straw Poll #1

Do you support adding information on how to account for the differences between actual test fixtures and the reference insertion loss?

Y: 25 , N: 7 , NMI: 20 , A: 22

12 March 2024

# Straw Poll #2

I would support adopting the proposal for automatic polarity detection and correction in the start-up protocol, per ran\_3dj\_01a\_2403

Results (all): Y: 49, N: 2, A: 15

# Straw Poll #3

I would support the concept of adding swing control in the electrical start-up protocol, per ran\_3dj\_02a\_2403

Results (all): Y: 41, N: 10, A: 44

# Straw Poll #4

I would support adopting the proposal for training pattern changes in the start-up protocol, per ran\_3dj\_03a\_2403

Results (all): Y: 40, N: 9, A: 49

Results (802.3 voters only) Y: 44, N: 8, 37



# Straw Poll #5

I would support adopting the start-up protocol to enable segment-by-segment training per ran\_3dj\_04\_2403 and ran\_3dj\_05a\_2403 as a modification to the PMD control function adopted by motion #10 in January 2024 (2nd item on slide 7 of [https://www.ieee802.org/3/dj/public/24\\_01/lusted\\_nowell\\_3dj\\_01\\_2401.pdf](https://www.ieee802.org/3/dj/public/24_01/lusted_nowell_3dj_01_2401.pdf))

Results (all): Y: 64, N: 0, A: 32

13 March 2024

# Straw Poll #6

I would support adopting the following as baselines for the 800GBASE-ER1-20 PHY

- optical: wang\_3dj\_01a\_2403 pages 7-10
- logic: nicholl\_3dj\_02a\_2307

Results (all): Y: 40 N: 11 A: 28

# Motion #1

Move that the IEEE P802.3cw Task Force requests the withdrawal of the IEEE P802.3cw PAR.

M: Tom Issenhuth

S: Gary Nicholl

Technical ( $\geq 75\%$ )

802.3 voters only

Result: Passed by unanimous consent. 4:28 p.m.

Task Force: 3cw

# Motion #2

Move to adopt the following as baselines for the 800GBASE-ER1-20 PHY

- optical: wang\_3dj\_01a\_2403 pages 7-10
- logic: nicholl\_3dj\_02a\_2307

M: Tom Williams

S: Upen Reddy Kareti

Technical ( $\geq 75\%$ )

802.3 voters only

Result: Y: 58, N: 9, A: 13. Passed 4:44 p.m.

Task Force: 3dj

# Motion #3

Move to amend the adopted 800GBASE-ER1 and 800GBASE-ER1-20 logic baselines (nicholl\_3dj\_02a\_2307) based on slides 6-9 of huber\_3dj\_01a\_2403.

M: Tom Huber

S: Mike Sluyski

Technical ( $\geq 75\%$ )

802.3 voters only

Result: Passed by unanimous consent. 4:50 p.m.

Task Force: 3dj

# Motion #4

Move to amend the 800GBASE-ER1 optical baseline  
(williams\_3dj\_01a\_2305 pgs 7-10) per wang\_3dj\_01a\_2403 pages 7-10

M: Tom Williams

S: Upen Reddy Kareti

Technical ( $\geq 75\%$ )

802.3 voters only

Result: Passed by unanimous consent. 4:56 p.m.

Task Force: 3dj

# Motion #5

Move to adopt malicoat\_3dj\_01a\_2403 as the MDI baseline for 400GBASE-DR2 and 400GBASE-DR2-2

M: David Malicoat

S: Peter Stassar

Technical ( $\geq 75\%$ )

802.3 voters only

Result: Passed by unanimous consent. 5:00 p.m.

Task Force: 3dj



14 March 2024

# Motion #6

Move that the P802.3dj Task Force approve:

- IEEE\_802d3\_to\_MOPA\_3dj\_2403\_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 MOPA.
- IEEE\_802d3\_to\_OIF\_3dj\_2403\_draft\_coherent\_Redacted.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to OIF.
- IEEE\_802d3\_to\_ITU\_3dj\_2403\_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 ITU.

M: Tom Huber

S: Mike Dudek

Technical (>=75%)

802.3 voters only

Results: Passed by unanimous consent. 8:50 a.m.

# Straw Poll #7

I would support the proposed approach for Variable and MDIO references for the new P802.3dj clauses, per brown\_3dj\_02\_2403 slide 14.

Results (all): Y: 62, N: 0, A: 25

# Straw Poll #8

I would support developing baseline proposals for optical auto-negotiation (OAN):

Results (all): Y: 32, N: 15, NMI: 28, A: 18

# Straw Poll #9

I would support developing baseline proposals for optical link training (OLT):

Results (all): Y: 43 , N: 8 , NMI: 31 , A: 17

# Motion #7

Move that the P802.3dj Task Force approve:

- IEEE\_802d3\_to\_OIF\_3dj\_2403\_draft\_EEI\_Redacted.pdf with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to OIF.

M: Ali Ghiasi

S: Mike Dudek

Technical ( $\geq 75\%$ )

802.3 voters only

Results: Passed by unanimous consent. 9:56 a.m.

# Motion #8

Move to adopt the AUI C2C DER\_0 per slide 6 of lusted\_3dj\_04\_2403

M: Howard Heck

S: Mike Dudek

Technical ( $\geq 75\%$ )

802.3 voters only

Result: Y: 51, N: 1, A: 27

Task Force: 3dj

# Motion #9

Move to adopt the CR MDI connector naming per diminico\_3dj\_01\_2403, slide 4

M: Chris Diminico

S: Sam Kocsis

Technical ( $\geq 75\%$ )

802.3 voters only

Result: Y: 58, N: 5, A: 16 Motion passed 11:06 a.m.

Task Force: 3dj



# Motion #10

Move to amend motion #9 to read:

- “Move to adopt the CR MDI connector naming per diminico\_3dj\_01\_2403, slide 4 with the exception that QSFP2 will be used in place of QSFP224”

M: Piers Dawe

S: Mike Dudek

Technical ( $\geq 75\%$ )

802.3 voters only

Result: Y; 24, N: 30, A: 27 Motion failed 11:04 a.m.

Task Force: 3dj

# Motion #11

Move to adopt the proposal for automatic polarity detection and correction in the start-up protocol, per ran\_3dj\_01a\_2403

M: Adee Ran

S: Howard Heck

Technical ( $\geq 75\%$ )

802.3 voters only

Result: Passed by unanimous consent. 11:10 a.m.

Task Force: 3dj

# Motion #12

Move to adopt the proposal for training pattern changes in the start-up protocol, per ran\_3dj\_03a\_2403

M: Adee Ran

S: Matt Brown

Technical ( $\geq 75\%$ )

802.3 voters only

Result: Y; 60, N: 1, A: 22 Passed 11:15 a.m.

Task Force: 3dj

# Motion #13

Move to adopt the start-up protocol to enable segment-by-segment training per ran\_3dj\_04\_2403 slides 3-4,8-14 and ran\_3dj\_05a\_2403 slides 2-9 as a modification to the PMD control function adopted by motion #10 in January 2024 (2nd item on slide 7 of [https://www.ieee802.org/3/dj/public/24\\_01/lusted\\_nowell\\_3dj\\_01\\_2401.pdf](https://www.ieee802.org/3/dj/public/24_01/lusted_nowell_3dj_01_2401.pdf))

M: Adee Ran

S: Mike Dudek

Technical ( $\geq 75\%$ )

802.3 voters only

Result: Passed by unanimous consent. 11:18 a.m.

Task Force: 3dj

# Motion #14

Move to adopt:

- CRU text per ghiasi\_3dj\_01a\_2403 page 10 with 4 MHz CRU for 200GBASE-DR1, 400GBASE-DR2, 800GBASE-DR4, 1.6TBASE-DR8, 800GBASE-FR4-500
- CRU text per ghiasi\_3dj\_01a\_2403 page 11 with 4 MHz CRU for all backplane and Cu cable PMDs
- CRU text per ghiasi\_3dj\_01a\_2403 page 13 with 4 MHz CRU for 200GBASE-FR1, 400GBASE-DR2-2, 800GBASE-DR4-2, 1.6TBASE-DR8-2, 800GBASE-FR4, 800GBASE-LR4

M: Ali Ghiasi

S: Eric Maniloff

Technical ( $\geq 75\%$ )

802.3 voters only

Result: Y: 43, N: 1, A: 31 Passed 11:32 a.m.

Task Force: 3dj

# Straw Poll #10

I would support investigating an open source approach (for example, the IEEE SA BOG Open Source Committee (IEEE OSCom) framework) for the Channel Operating Margin (COM) code.

Results (all): Y: 68, N: 2, A: 17

# Straw Poll #11

For the May 2024 Interim attendance, I will attend in-person:

- A. Yes
- B. Maybe Yes
- C. No

Results (all): A: 36 ,B: 22 , C: 39