Motions and Straw Polls

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

September 2023 Interim

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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.

11 September 2023

Straw Poll #1:

I would support the package direction proposed in lusted_3dj_04_2309 slide #4 and #7

Results (all): Y: 58,   N: 4,   A: 39

Straw Poll #2:

For the symmetrical use case, I would support the CR host and cable assembly insertion loss budget proposed in diminico_3dj_01a_2309, slide 7

Results (all): Y: 44, N: 7,   A: 48

12 September 2023

Straw Poll #3:

For AUIs inside a Type 1 or Type 2 PHY, I believe it is important to support:

A: One AUI or zero AUI (i.e. does not support two AUIs)

B: Two AUIs, one AUI, or zero AUI

C: Abstain

Results (all): A: 11 ,   B: 45,   C: 28

Straw Poll #4:

For the DER_0 allocation of AUIs inside Type 1 and Type 2 PHYs, I would prefer the direction of a:

A. Choice A1: "always one value" 50%/50% (e.g. lusted_3dj_05_2309, slide 9)
B. Choice A2: "always one value" x/y (e.g. lusted_3dj_05_2309, slide 10)
C. Choice B1: "one of two values" 50%/50% or 100% (e.g. lusted_3dj_05_2309, slide 11)
D. Choice B2: "one of two values" x/y or 100% (e.g. lusted_3dj_05_2309, slide 12)
E. Abstain

(Chicago Rules)

Results (all):   A: 8, B: 42,   C: 9, D: 44, E: 21

Straw Poll #5:

I would support the self-sync method for inner FEC as described in pages 7-11 of he_3dj_01a_2309.

Results (all) Y: 50,   N: 0,   A: 30

Straw Poll #6:

I would support the proposal of Inner FEC Pad insertion changes of pad block from 384 bits to 1024 bits (8 Inner FEC CWs) and insertion period from 3264 CWs to 8704 CWs, including 8:1 Hamming interleaver protection for pad bits, as shown in rechtman_3dj_01a_2309 slides 5-7 and 10.

Results (all): Y: 50,   N: 0,   NMI: 4,   A: 26

Straw Poll #7:

For the case when the AUI DER_0 is split across the C2M and the C2C on a host, I would prefer the allocation of:

A. C2C = 0.67E-5 and C2M = 2E-5

B. C2C = 0.87E-5 and C2M = 1.8E-5

C. C2C = 1.33E-5 and C2M = 1.33E-5

D. Abstain

(chicago rules) Results (all):   A: 54,   B: 23,   C: 7, D: 27

(pick one) Results (all):   A: 44,   B: 7,   C: 4, D: 27

Straw Poll #8:

For the DER_0 allocation of AUIs inside Type 1 and Type 2 PHYs, I would prefer the direction of a:

A. Choice A2: "always one value" C2C = 0.67E-5 and C2M = 2E-5
B. Choice B2: "one of two values" as follows
   - C2C = 0.67E-5 and C2M = 2E-5 (if two AUIs)
   - C2C or C2M = 2.67E-5 (if one AUI)
A. Abstain

(Pick one)

Results (all):   A: 39, B: 21 , C: 21

13 September 2023

Straw Poll #9:

Is there a market need for both FECo and FECi modes under 2km?

- Yes
- No
- NMI
- Abstain

Results (all): Y: 48, N: 17, NMI: 21, A: 18

Straw Poll #10:

Does the market need the FECo mode for a PMD to have same reach as the FECi mode (for single wavelength reaches under 2km)?

A. Yes
B. No
C. Don't know/Abstain

Results (all): Y: 36   ,N: 28 , A: 37

Straw Poll #11:

Considering the network operators deploying a FECi and FECo capable solution, do FECo mode reaches need to be specified in the standard as:

A. Normative
B. Informative
C. Not specified
D. Abstain

(pick one) Results (all): A: 40, B: 21, C: 17, D: 20

(chicago rules) Results (all): A: 50, B: 42, C: 25, D: 20

14 September 2023

Motion #1

Move to adopt the proposed responses for P802.3df D3.0 comment resolution in

https://www.ieee802.org/3/df/comments/D3p0/8023df_D3p0_comments_bucket1_clause.pdf except # i-57, i-43, i-79, i-44, i-10, i-12, i-13, i-14, i-117, i-72 and i-132

M: Matt Brown

S: Piers Dawe

Technical (>=75%)

802.3 voters only

Results: Passed by unanimous consent. 11:59 a.m.

Task Force: 3df

Motion #2

Move that the P802.3dj Task Force approve:

- IEEE_802d3_to_UEC_3dj_0923_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.

M: Eugene Opsasnick

S: Adee Ran

Technical (>=75%)

802.3 voters only

Results: Y: 71, N: 2   A: 6

Passed at 12:27 p.m.

Motion #3

Move to adopt the self-sync method for inner FEC as described in pages 7-11 of he_3dj_01a_2309.

M: Xiang He

S: Mark Gustlin

Technical (>=75%)

802.3 voters only

Result: Passed by unanimous consent. 1:50 p.m.

Task Force: 3dj

Motion #4

Move to adopt the Inner FEC Pad insertion changes of pad block from 384 bits to 1024 bits (8 Inner FEC CWs) and insertion period from 3264 CWs to 8704 CWs, including 8:1 Hamming interleaver protection for pad bits, as shown in rechtman_3dj_01a_2309 slides 5-7 and 10.

M: Zvi Rechtman

S: Xiang He

Technical (>=75%)

802.3 voters only

Result: Passed by unanimous consent. 1:54 p.m.

Task Force: 3dj

Motion #5

Move to adopt the the CR host and cable assembly insertion loss budget proposed in diminico_3dj_01a_2309, slide 7 for the symmetrical CR use case.

M: Chris Diminico

S: Nathan Tracy

Technical (>=75%)

802.3 voters only

Result: Passed by unanimous consent. 1:57 p.m.

Task Force: 3dj

Straw Poll #12:

I would support the direction of including the CR host and cable assembly proposals for flexible host architectures and longer reach cables per slide 8 of diminico_3dj_01a_2309.pdf (with losses TBD)

Results (all): Y: 56, N: 2, A: 20

Straw Poll #13:

For the initial 200G/lane AUI C2M ILdd (die-die) target, I believe we should support losses of at least:

A. 26 dB
B. 28 dB
C. 30 dB
D. 32 dB
E. 34 dB
F. 36 dB
G. 38 dB

(Chicago Rules)

Results (all):   A: 23, B: 22, C: 29,   D: 38,   E: 24,   F: 23,   G: 6

Straw Poll #14:

For the initial 200G/lane AUI C2M ILdd (die-die) target, I believe we should support losses of at least:

A. 26 dB
B. 28 dB
C. 30 dB
D. 32 dB
E. 34 dB
F. 36 dB
G. 38 dB

(pick one)

Results (all):   A: 0 , B: 4 , C: 13,   D: 24,   E: 9 ,   F: 16,   G: 3