Motions and Straw Polls

IEEE P802.3dj Task Force Meeting

March 2026 Session

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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.

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Straw Poll #1 - Coherent APSU #1

Given that the LR1 and ER1 PHYs have different FEC, PMA below the FEC, and PMD sublayers, I would prefer having a common solution for communicating RTS across the LR1 and ER1 PHYs?

Yes

No

Results: Y: 20, N: 46

Straw Poll #2, 3 - Coherent APSU

SP2: For the LR1 PHY, the APSU approach, outlined in mascitto_3dj_01a_2603, that I would prefer to adopt is:

A) Option A: PRBS31(Pages 6-7)
B) Option B: O2 Training Frame (Pages 8-9)
C) Option C: Pilot Sequences (Page 10)

(Chicago Rules) Results: A: 39, B: 18, C: 32

SP3: For the ER1 and ER1-20 PHYs, the APSU approach, outlined in mascitto_3dj_01a_2603, that I would prefer to adopt is:

A) Option A: PRBS31 (Pages 12-13)
B) Option B: O2 Training Frame (Pages 14-15)
C) Option C: ER1 Overhead (Pages 16-17)

(Chicago Rules) Results: A: 21, B: 19, C: 49

Straw Poll #4 – LR1 APSU

For the LR1 PHY, the APSU approach, outlined in mascitto_3dj_01a_2603, that I would prefer to adopt is:

A> PRBS31(Pages 6-7)

B> Pilot Sequences (Page 10)

(Choose one) Results: A: 37,   B: 28

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Straw Poll # 5 (RxS)

I support the addition of a LRS (Low-stressed Receiver Sensitivity) test condition to the existing RxS specification.

Yes

No

Result: Y: 62 N:12

Straw Poll # 6 (OMA_outer)

I support the addition of the proposed clarification to the OMA_outer definition when measured using a SSPRQ as outlined in alloin_3dj_01a_2603 slide 13.

Yes

No

Result: Y: 61 N: 11

Straw Poll # 7 (DFE)

I support the proposed definitional modifications to Table 180-16 regarding the DFE coefficient limit and normalization footnote as outlined in alloin_3dj_02a_2603 slide 14.

Yes

No

Result: Y: 66 N: 12

Straw Poll # 8 (DR/FR4-500 TX/RX specs)

I support the direction to shift the optical Tx and Rx budget lower for the optical DR/FR4-500 optical specs as discussed in he_3dj_01_2603 and fan_3dj_01a_2603.

Yes

No

Result: Y: 44 N: 28

Straw Poll # 9 (FR4 TX/RX specs)

I support the direction to shift the optical Tx and Rx budget lower for the optical FR4 optical specs as discussed in fan_3dj_01a_2603.

Yes

No

Result: Y: 31 N: 38

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Straw Poll #10 – MTF solution

For the change to the Mated Test Fixture ILdd specification, I prefer the approach of:

A> no change needed

B> fitted ILdd mask

C> more details on de-embed/re-embed process included in the draft

D> B plus C

(choose one)

Results: A: 10 , B: 8 , C: 8 , D: 27

Straw Poll #11 - modal approach

For Modal ERL, I would support the approach outlined in mellitz_3dj_01b_2603

Y: 31 , N: 8 , A: 22

Straw Poll #12 - modal approach

I would support specifying modal ERL (e.g. mellitz_3dj_01b_2603) for Clause 179 “CR”

Y: 22 , N: 15 , A: 20