Motions and Straw Polls

IEEE P802.3dj Task Force Joint Meeting

July 2024 Plenary Meeting

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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.

15 July 2024

Attendance Straw Poll

For those attending in person, for Tuesday I will be attending

- Track 1 - Logic / Optical
- Track 2 - Electrical
- Both

(Chicago Rules)

Results: Track1: 28,   Track2: 13 , Both: 21

16 July 2024

Straw Poll #E-1

I would support using the COM receiver discrete-time equalizer with MLSD (Annex 178A.1.11) as the reference receiver for 200 Gbps/lane CR and KR PHYs

(choose one)

Results (all): Y: 38, N: 10 , A: 9

Straw Poll #E-2

I would support the direction of modifying the calculation of COM for an MLSD reference receiver to add a method of receiver impairments per healey_3dj_01a_2407

(choose one)

Results (all): Y: 36, , N: 7 , A: 15

Straw Poll #E-3

When approximating the impact of pre-MLSD receiver impairments in the COM calculation, I prefer the approach of:

- Option A: scale the receiver noise (e.g. healey_3dj_01a_2407, slide 4)
- Option B: define a MLSD implementation allowance Q that is a function of COM_DFE (e.g. healey_3dj_01a_2407, slide 6)
- Option C: Need more information
- Option D: Abstain

Results (all):   A: 15, , B: 0   , C: 28   ,   D: 10

Straw Poll #E-4

I would support the proposed COM parameter values per heck_3dj_01a_2407, slide 13

And with editor note: "The RX FFE tap values limits were chosen based upon no reliance upon the TX FFE taps. Further work is required to determine how the equalization effect is distributed between the RX FFE and the TX FFE taps to account for some reasonable implementation choices."

(choose one)

Results (all): Y: 27   , N: 7 , A: 14

Straw Poll #O-1: SMF CD, Mark

I support a specification approach for 800GBASE-FR4 and 800GBASE-LR4 chromatic dispersion ranges by:

- referencing ITU-T Rec G.652 for fiber specs and the newly updated Appendix I for the CD values
- 800GBASE-FR4 cd range -11.26 to +6.02 ps/nm as proposed in johnson_3dj_01a_2407
- 800GBASE-LR4 cd range -24.6 to +2.8 ps/nm as proposed in rodes_3dj_01a_2407
- develop an Informative Annex to describe the background for these choices, explaining the statistical link design approach which factors in fiber, transceiver and length statistics

Results (all):   Y:50   N:5   A:15
Results (802.3 voters only)