Straw Polls

IEEE P802.3dj Task Force Electrical Ad Hoc Meeting

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Kent Lusted, Intel

Foreword

- 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.

Straw Poll #1-4

Straw Poll #1

- I would support adopting the 200G/lane electrical baseline proposals for CR in ran_3dj_elec_01_240111 slides 6-10
  - Results (all): Y: 50, N: 0 , A: 11

Straw Poll #2

- I would support adopting the 200G/lane electrical baseline proposals for KR in ran_3dj_elec_01_240111 slides 12-16 (with COM jitter as TBD on slide 16)
  - Results (all): Y: 50 , N: 0, A: 10

Straw Poll #3

- I would support adopting the 200G/lane electrical baseline proposals for AUI C2C in ran_3dj_elec_01_240111 slides 18-22
  - Results (all): Y: 50 , N: 0, A: 10

Straw Poll #4

- I would support adopting the 200G/lane electrical baseline proposals for AUI C2M in ran_3dj_elec_01_240111 slides 24-29
  - Results (all): Y: 45, N: 2, A: 13

Straw Poll #5

For the 200G/lane AUI C2M electrical interfaces (using DER_0 = 2E-5), I would support adopting a recommended channel insertion loss ILdd (die-die) target of 32.5dB

Results (all): Y: 32, N: 9, A: 19

Results (802.3 voters): Y: 24 , N: 11, A: 9

Straw Poll #6-9

Straw Poll #6

- I would support including the MLSE effect in COM for 200G/lane CR:
  - Results (all): Y: 33 N: 6 A: 10

Straw Poll #7

- I would support including the MLSE effect in COM for 200G/lane KR:
  - Results (all): Y: 33, N: 6, A: 10

Straw Poll #8

- I would support including the MLSE effect in the reference RX for 200G/lane AUI C2M:
  - Results (all): Y: 20, N: 16, A: 13

Straw Poll #9

- I would support including the MLSE effect in COM for 200G/lane AUI C2C:
  - Results (all): Y: 18, N:16, A: 14

Straw Poll #10

For the 200G/lane electrical interfaces having MLSE capability, the MLSE solution approach that I prefer is:

A. Include MLSE COM calculations based on shakiba_3dj_elec_01_240111, slide 5 with MLSE implementation penalty TBD)

B. Use MLSE coding gain as a rough estimate (i.e. shakiba_3dj_elec_01_240111, slide 6 middle graph and equation with MLSE implementation penalty TBD)

C. Relax COM margin by a fixed amount (exact amount is TBD)

(choose one)

Results (all): A: 32 , B: 2 , C: 7