

Optical Straw Polls

May 18, 2015

Kent Lusted, Intel

P802.3bs Recording Secretary

Straw Poll #1 5:45pm

- I would support adopting an NRZ-based baseline solution for all SMF reach objectives
- Yes = 15
- No = 85
- Abstain = 8
- Room Count: 116

Straw Poll #2 5:51pm

- I would support a PAM4 based baseline solution for all SMF reach objectives
- Yes: 74
- No: 25
- Abstain: 7

Straw Poll #3 6:00pm

- I would support a 8 x 50G based baseline solution for all SMF reach objectives
- Yes: 31
- No: 53
- Abstain: 12

Straw Poll #4 6:03pm

- I would support a 4 x 100G based baseline solution for all SMF reach objectives
- Yes: 26
- No: 66
- Abstain: 16

Straw Poll #5 6:05pm

- For the 10km SMF reach objective I would support
 - a. 8λ x 50G baseline solutions
 - b. 4λ x 100G DMT baseline solutions
 - c. None of the above
- A: 75
- B: 19
- C: 1
- Abstain: 15

Straw Poll #6 6:11pm

- For the 2km SMF reach objective I would support
 - a. 8 λ x 50G baseline solutions
 - b. 4 λ x 100G PAM-4 baseline solutions
 - C. None of the above
- A: 50
- B: 36
- C: 0
- Abstain 21

Straw Poll #7 6:15pm

- For the 500m reach objective I would support
 - a. “BiDi x 50G NRZ x8 Fiber” Baseline
 - b. “2 λ x 50G NRZ x4 Fiber” Baseline
 - c. “1 λ x 100G PAM-4 x4 Fiber” Baseline
 - D. None of the above
- A: 7
- B: 4
- C: 50
- D: 15
- Abstain: 29

Straw Poll #8 6:20pm

- I would support a motion to adopt a baseline for the 10km SMF PMD objective based on the 10km proposal in cole_3bs_01a_0515. (8x50G PAM4 WDM)
- Yes: 69
- No: 26
- Abstain: 15

Straw Poll #9 6:31pm

- I would support a motion to adopt a baseline for the 2km SMF PMD objective based on the 2km proposal in cole_3bs_01a_0515. (8x50G PAM4 WDM)
- Yes: 43
- No: 37
- Abstain: 20

Straw Poll #10 6:43pm

- I would support a motion to adopt a baseline for the 500m SMF PMD objective based on welch_3bs_01a_0515. (4x100G PAM4 PSM4)
- Yes: 52
- No: 25
- Abstain: 27

Straw Poll #11 6:47pm

- I would support a motion to adopt a baseline for the 2km SMF PMD objective based on lewis_3bs_01a_0515. (4x100G PAM4 WDM)
- Yes: 36
- No: 37
- Abstain: 31

Straw Poll #12 6:53pm

- I would support a motion to adopt a baseline for the 10km SMF PMD objective based on 4x100G DMT WDM
- Yes: 20
- No: 58
- Abstain: 30