Straw Polls & Technical Motions

IEEE 802.3cm 400G over MMF Task Force

802.3 Interim Meeting, Pittsburgh, PA, US

May 21, 2018

Straw Poll #1

I would support inclusion of the following connector in the MDI specifications for 400GBASE-SR8

A) MPO-12 two-row with all Tx on one row and all Rx on other row (as currently used for SR10 and SR16)

B) MPO-16 (as currently included in QSFP-DD, not including lane numbers)

C) MPO-12 two-row, where half Tx and half Rx are on each row (as currently included in QSFP-DD, not including lane numbers)

Chicago Rules – vote for as many as you support

A) 15   B) 32   C) 24

Room Count: 34

Straw Poll #2

I would support inclusion of the following number of MDIs for 400GBASE-SR8:

A) 1

B) 2

C) 3

Chicago Rules – vote for as many as you support

A) 18   B) 25   C) 4

Room Count: 34

Motion #4

Move to adopt content of
http://www.ieee802.org/3/cm/public/May18/king_3cm_01b_0518.pdf
as baseline for the 8-pair PHY objective

- Moved by: Paul Kolesar   2nd: Jonathan King

- Technical : > 75%

- Results: Yes: 31 No: 0 Abstain: 2

- Motion Passes!

- Room Count: 33

Motion #5

Move the inclusion of the following connectors in the MDI specifications for 400GBASE-SR8

A) MPO-16 (as currently included in QSFP-DD, not including lane numbers)

B) MPO-12 two-row, where half Tx and half Rx are on each row (as currently included in QSFP-DD, not including lane numbers)

- Moved by: Steve Swanson   2nd: Jonathan King
- Technical : > 75%
- Results: Yes: 24   No: 4   Abstain: 2
- Motion Passes!
- Room Count:

Straw Poll #3

I would support a baseline proposal for 400GBASE-SR4.2 that includes a first wavelength near 850nm and a second wavelength near

A) 880 nm

B) 910 nm

Chicago Rules – vote for as many as you support

A) 20   B) 18

Room Count: 32

Straw Poll #4

I would support a baseline proposal for 400GBASE-SR4.2 that is based on an optical multiplexing architecture that is

A) Co-directional

B) Bi-directional

Chicago Rules – vote for as many as you support

A) 21   B) 22

Straw Poll #5

For the second wavelength for 400GBASE-SR4.2

A) I would not support 880 nm

B) I would not support 910 nm

C) I need more information

Only vote for one

A) 8   B) 3   C) 12

Room Count: 33

Straw Poll #6

For the optical multiplexing architecture for 400GBASE-SR4.2

A) I would not support Co-directional
B) I would not support Bi-directional
C) I need more information

Only vote for one

A) 3   B) 3   C) 18
Room Count: