

Motions

IEEE 802.3 100 Gb/s Wavelength Short Reach PHYs (100GSR) Study Group

Geneva, Switzerland, January 23-24, 2019

100GSR Motion #2

Move to approve the Agenda for Geneva Interim SG meeting, Slide 2 of http://www.ieee802.org/3/100GSR/public/Jan20/lingle_100GSR_01b_0120.pdf

- Moved by: Ray Nering 2nd: Rick Pimpinella
- Motion approved by voice vote without objection. (Procedural > 50%)

100GSR Straw Poll #1

I support the 100GSR Study Group adopting at least one objective for:

A. 100 Gb/s operation

B. 200 Gb/s operation

C. 400 Gb/s operation

- Results:

- A: Yes: 33 No: 0 Need more information: 0

- B: Yes: 27 No: 0 Need more information: 5

- C: Yes: 35 No: 0 Need more information: 1

100GSR Straw Poll #2

For operation at 200 Gb/s MAC rate, I support adopting objectives for:

- A. 200 Gb/s operation over 2 pairs of MMF
- B. 200 Gb/s operation over 2 pairs of SMF

- Results:

- A: Yes: 22 No: 0 Need more information: 9
- B: Yes: 7 No: 2 Need more information: 20

100GSR Straw Poll #3

For operation at 100 Gb/s MAC rate, I support adopting an objective for:

- A. 100 Gb/s operation over MMF up to at least 50m
- B. 100 Gb/s operation over MMF up to at least 30m
- C. Need more information

- Results:

- A: 21
- B: 8
- C: 6

100GSR Straw Poll #4

For operation at 100 Gb/s MAC rate, I support adopting an objective for:

- A. 100 Gb/s operation over MMF up to at least 50m
- B. 100 Gb/s operation over MMF up to at least 30m
- C. Need more information

- Results:

- A: 20
- B: 18
- C: 9
- Chicago Rules

100GSR Straw Poll #5

For operation at 400 Gb/s MAC rate, I support adopting an objective for:

- A. 400 Gb/s operation over MMF up to at least 50m
- B. 400 Gb/s operation over MMF up to at least 30m
- C. Need more information

- Results:

- A: 21
- B: 6
- C: 6
- NOT Chicago

100GSR Motion #4

Move to adopt the following objective:

- Define a physical layer specification that supports 200 Gb/s operation over 2 pairs of MMF with lengths up to at least 50 m

Moved by: Mike Dudek

2nd: Kent Lusted

- Technical : $\geq 75\%$

• Results: Yes: 23

No: 1

Abstain: 6

- Motion Passes!

100GSR Motion #5

Move to adopt the following objective:

- Define a physical layer specification that supports 200 Gb/s operation over 2 pairs of SMF with lengths up to at least 500 m

Moved by: Earl Parsons

2nd: Dave Lewis

- Technical : $\geq 75\%$

• Results: Yes:

No:

Abstain:

- Motion withdrawn

Motion #6

- Move to postpone Motion #5 to the March agenda
- Mover: Mike Dudek
- Second: Ali Ghiasi
- Motion Withdrawn

100GSR Straw Poll #6

I support the 100GSR Study Group adopting objective for:

A. 200 Gb/s operation over 2 pairs up to at least 50 m SMF

- Results:

- Y: 10

- N: 10

- Need more information: 8

100GSR Motion #7

Move to adopt the following objectives:

- Support a MAC data rate of 100 Gb/s, 200 Gb/s and 400 Gb/s
- Support full-duplex operation only
- Preserve the Ethernet frame format utilizing the Ethernet MAC
- Preserve minimum and maximum FrameSize of current IEEE 802.3 standard
- Provide appropriate support for OTN
- Support a BER of better than or equal to 10^{-12} at the MAC/PLS service interface (or the frame loss ratio equivalent) for 100 Gb/s operation
- Support a BER of better than or equal to 10^{-13} at the MAC/PLS service interface (or the frame loss ratio equivalent) for 200 Gb/s and 400 Gb/s operation

Moved by: Kent Lusted

2nd: Steve Swanson

- Technical : $\geq 75\%$
- Results: Yes: 30 No: 0 Abstain: 0
- Motion Passes!

100GSR Motion #8

Move to adopt the PAR as shown in [P802 3db PAR Detail.pdf](#)

Moved by: Vipul Bhatt

2nd: Steve Swanson

- Technical : $\geq 75\%$

- Results: Yes: 22

No: 0

Abstain: 0

- Motion Passes!

100GSR Motion #9

Move to adopt the CSD responses for “Managed Objects”, “Coexistence”, “Broad Market Potential”, “Compatibility”, “Distinct Identity”, “Technical Feasibility” and “Economic Feasibility” as written in [choudhury_100GSR_04_0120.pdf](#)

Moved by: Mabud Choudhury

2nd: Mike Dudek

- Technical : $\geq 75\%$

- Results: Yes: 24

No: 0

Abstain: 0

- Motion Passes!

100GSR Straw Poll on Attendance for future 100GSR Study Group Meetings

- Attend 802.3 plenary, March 2020, Atlanta, GA, USA:
 - Y: 17 N: 1 M: 5

- Attend 802.3 interim, May 2020, Pasadena, CA, USA:
 - Y: 16 N: 0 M: 8

100GSR Motion #10

Move to Adjourn Plenary TF Meeting

- Moved by: Paul Vanderlaan 2nd: Earl Parsons
- Motion approved by voice vote without objection. (Procedural > 50%)