

Motions & Straw Polls

IEEE P802.3dg 100 Mb/s Long-Reach Single-Pair Ethernet Task Force
Joint meeting with
IEEE P802.3da 10 Mb/s Single-Pair Multidrop Enhancements Task Force

George Zimmerman

CME Consulting/ADI, APL Group, Cisco, Marvell, OnSemi, SenTekSe, Sony

& Chad Jones – Cisco Systems

802.3 Interim Meeting Series, 16-18 September 2024

Approve prior meeting minutes

- Need to approve 802.3dg minutes from July 2024 at:
 - https://www.ieee802.org/3/dg/public/May_2024/Unconfirmed_minutes_3dg_07152024.pdf
- Need to approve 802.3da minutes from July 2024 at:
 - https://www.ieee802.org/3/da/public/0724/spmd_TF_minutes_00b_july_2024.pdf

Straw Poll #1

- I support to use a 33-bit side-stream scrambler for each generated 8b6T octet during data mode. The uncorrelated scrambler bits are generated with the polynomial on Slide 4 and Slide 5 of [Tingting_3dg_01a_17_09_2024.pdf](#).
- Y: 5
- N: 12
- A: 18

Straw Poll #2

- I support to use a 33-bit side-stream scrambler for 100BASE-T1L PMA training.
- Y: 23
- N: 0
- A: 19

Straw Poll #3

- I support using a 33-bit side-stream scrambler for each generated 8b6T octet during data mode. The uncorrelated scrambler bits are generated with the polynomial on Slide 7 and Slide 8 of Riesco_3dg_01a_09172024.pdf.
- Y: 20
- N: 0
- A: 22

Straw Poll #4

- I support to use a 100BASE-T1L PMA training frame composed of 16 partial PHY frames with an InfoField embedded in the last partial PHY frame.
- Y: 19
- N: 0
- A: 23

Motion 6

- Move that the IEEE P802.3dg Task Force adopt slides 2, 3, and 4 of murray_3dg_02_09172024.pdf
- M: Brian Murray
- S: Tingting Zhang
- Motion passes without objection (Technical $\geq 75\%$)

Motion #7

- Adopt 802.3dg Revised² Timeline as shown on slide 40 of agenda_3dg_01_240916.pdf
- M: Chad Jones
- S: Valerie Maguire
- Procedural (> 50%)
- Motion passes without objection

Motion #8

- Move that IEEE 802.3dg not include an OAM channel, and set the auxiliary bit in the PHY frame to zero
- M: William Lo
- S: Brian Murray
- Motion passes without opposition.