Straw Polls

IEEE 802.3cz TF

March 16th 2021

Do I need more information and discussion including completing the discussion points (presented by Ruben) for the PMD option matrix (proposed by Ogura and Kurata)?

- A: I need more discussion based on the PMD matrix and comparison points (29)
- B: I would add additional comparison items to the matrix (8)
- C: I would add additional options to the matrix (9)
- D: I don't need the discussion and I am ready to select the PMD now (16)

Should our discussion include 850nm as one of the PMD options (for MMF and POF) aligning SR-series for full support from VCSEL ecosystem?

- A: Yes, 850nm should be included as one of PMD options to align with SR-series (19)
- B: No, we need to change to 980nm as automobile PMD (7)
- C: We need more information (29)

I will support the following PMD in the IEEE 802.3cz draft standard

- A: a proposal based on 850/980nm VCSELs and 50/125μm multimode glass optical fiber (38)
- B: a proposal based on 850/980nm VCSELs and 55/490μm graded-index plastic fiber (23)
- C: a proposal based on 1310nm silicon photonics and 50/125μm multimode glass optical fiber (25)

I support the inclusion of different noninteroperable PMDs with different wavelengths, i.e. definition of multiple PHYs for the same datarate

• Y: 20

• N: 23

• A: 13