



Straw-polls to adopt baseline proposals

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Supporters



- John Abbott, Corning Incorporated
- Steve Swanson, Corning Incorporated
- Fernando Barbero, KDPOF
- Carlos Pardo, KDPOF
- Luisma Torres, KDPOF
- Roger King, TRUMPF
- Joseph Pankert, TRUMPF
- Emilio Cuesta, TE
- Kjersti Martino, Inneos
- Roland Preis, MD-Elektronik
- Bernd Hormmeyer, Phoenix Contact
- Rick Pimpinella, Panduit
- Jose Castro, Panduit

Motivation



- As it was presented in the Chief Editor's report of July Plenary Meeting (see [1]), there is no new technical content adopted yet as baseline since D1.1.
- However several baseline proposals has been presented that could be adopted to move forward the project:
 - 50 Gb/s PCS/PMA proposal (see [2] and [3])
 - Bit Error Ratio (BER) test mode proposal (see [4])
 - Loopback modes proposal (see [5])
 - BASE-U EEE (Energy Efficient Ethernet) proposal (see [6])
 - Link budget proposal for 50, 25, 10, 5 and 2.5 Gb/s (see [7])
- Questions to all these proposals have been answered and no open items have been identified
- This contribution includes a set of straw-polls to measure how the task force is willing to adopt most of those proposals

Straw-poll 1: BER test mode

- I support adoption of Bit Error Ratio (BER) test mode baseline proposal as described in [4] (perezaranda_3cz_02_0721_ber_testmode.pdf)
 - Yes
 - No
 - Abstain: I need more information
 - Abstain: lack of expertise
 - Abstain: I want to be neutral

Straw-poll 2: Loopback modes



- I support adoption of loopback modes baseline proposal as described in [5] (perezaranda_3cz_03_0721_loopback_modes.pdf)
 - Yes
 - No
 - Abstain: I need more information
 - Abstain: lack of expertise
 - Abstain: I want to be neutral

Straw-poll 3: EEE / LPI



- I support adoption of Energy Efficient Ethernet (EEE) baseline proposal as described in [6] (perezaranda_3cz_04_0721_eee.pdf)
 - Yes
 - No
 - Abstain: I need more information
 - Abstain: lack of expertise
 - Abstain: I want to be neutral

Straw-poll 4: 50 Gb/s PCS & PMA



- I support adoption of the PCS and PMA baselines for 50GBASE-AU operation as described in [2] (perezaranda_3cz_03_110521_50Gbps_pcs_pma.pdf)
 - Yes
 - No
 - Abstain: I need more information
 - Abstain: lack of expertise
 - Abstain: I want to be neutral

References



- [1] L. Torres, “Chief Editor’s Report,” 21 July 2021, [Online], Available: https://www.ieee802.org/3/cz/public/jul_2021/CEReport_3cz_0721.pdf
- [2] R. Pérez-Aranda, “50GBASE-AU baseline proposal,” May 2021, [Online], Available: https://www.ieee802.org/3/cz/public/11_may_2021/perezaranda_3cz_03_110521_50Gbps_pcs_pma.pdf
- [3] R. Pérez-Aranda, “PAM4 50 Gb/s PCS/PMA Answers to unasked questions,” May 2021, [Online], Available: https://www.ieee802.org/3/cz/public/may_2021/perezaranda_3cz_05_0521_50G_pcs_pma_answers.pdf
- [4] R. Pérez-Aranda, “Bit Error Ratio (BER) test mode proposal,” July 2021, [Online], Available: https://www.ieee802.org/3/cz/public/jul_2021/perezaranda_3cz_02_0721_ber_testmode.pdf
- [5] R. Pérez-Aranda, “Loopback modes proposal,” July 2021, [Online], Available: https://www.ieee802.org/3/cz/public/jul_2021/perezaranda_3cz_03_0721_loopback_modes.pdf
- [6] R. Pérez-Aranda et al., “BASE-U EEE proposal,” July 2021, [Online], Available: https://www.ieee802.org/3/cz/public/jul_2021/perezaranda_3cz_04_0721_eee.pdf
- [7] R. Pérez-Aranda, “Link budget proposal for 50, 25, 10, 5 and 2.5 Gb/s,” July 2021, [Online], Available: https://www.ieee802.org/3/cz/public/3_aug_2021/perezaranda_3cz_01_210803_link_budget_proposal.pdf



Thank you