



# Straw-polls to adopt baseline proposals

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# Supporters

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- 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
- Jae-yong Chang, Keysight Technologies

# Motivation

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- 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

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- 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

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- 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

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- 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

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- 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](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](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](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](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](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](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](https://www.ieee802.org/3/cz/public/3_aug_2021/perezaranda_3cz_01_210803_link_budget_proposal.pdf)





Thank you