

Objective and PAR Straw Polls

IEEE 802.3

10 Mbps Single Pair Ethernet Study Group

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Straw Poll #1

- Adopt Objectives #9 through #13 on page 4 of [zimmerman_10SPE_01c_1116.pdf](#)
- **Y: 37 N: 0 A: 2**

Straw Poll #2

- Adopt Objectives #9 through #14 on page 4 of [zimmerman_10SPE_01c_1116.pdf](#)
- **Y: 12 N: 9 A: 17**

Straw Poll #3

- Adopt the following objective: Maintain a bit error ratio (BER) at the MAC/PLS service interface of less than or equal to:
 - 10^{-10} on link segments up to at least 15m, and
 - 10^{-9} on link segments up to at least 1km
- **Y: 38 N: 0 A: 1**

Straw Poll #4

- Adopt the following objective: Specify one or more optional power distribution techniques for use over the 10 Mb/s single balanced twisted-pair link segments in conjunction with 10 Mb/s single balanced twisted-pair PHYs

- **Y: 39 N: 0 A: 2**

Straw Poll #5

- Adopt the following objective: Support Clause 104 as an optional power distribution, with possible augmentation, on at least the 15m link segment
- **Y: 4 N: 26 A: 12**
- **Do you believe rewording this would get your support?**
- **Y: 2 N:23 A: 8**

Straw Poll #6 (on PAR modification)

- Adopt the following changes to our PAR:
- **Change 5.2.b. as shown:**
- **5.2.b. Scope of the project:** Specify additions to and appropriate modifications of IEEE Std 802.3 to add 10 Mb/s Physical Layer (PHY) specifications and management parameters for operation, and associated optional provision of power, on single balanced twisted-pair copper cabling. ~~Define methodology for the optional provision of power to connected Data Terminal Equipment (DTE) for use with IEEE 802.3 10 Mb/s single-pair interfaces.~~
- **5.5** Change IEEE 802.3 to IEEE Std. 802.3
- **Change 5.6 as shown:**
- **5.6 Stakeholders for the Standard:** End-users, vendors, system integrators, and providers of systems and components (e.g., sensors, actuators, instruments, controllers, network infrastructure, user interfaces, and servers) for automotive, other transportation, industrial, ~~factory, process,~~ and building automation.
- **8.1** – add “5.2b – IEEE Std 802.3 – IEEE Standard for Ethernet”.

- Y: 38 N: 0 A: 1

Straw Poll #7

- Do you think objective #14 is redundant with objective #7 & 8 and any other #1-13 objectives in `zimmerman_10SPE_01c_1116.pdf`

- **Y: 18 N: 10 A: 11**