

P802.3ca CSD **[proposed revision]**

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802.3ca CSD update needed

- ❑ At the San Diego 802.3 WG closing plenary, our Chair informed the 802.3 WG that only the PAR and Objectives needed to be changed to drop the 100Gb/s rate and document our standard for 25G/50G EPON
- ❑ However, our [current CSD](#) Technical Feasibility slide includes two references to 100 Gb/s

Oops

Current CSD - Technical Feasibility

Each proposed IEEE 802 LMSC standard shall provide evidence that the project is technically feasible within the time frame of the project. At a minimum, address the following items to demonstrate technical feasibility:

- a) Demonstrated system feasibility.
- b) Proven similar technology via testing, modeling, simulation, etc.
- c) [Confidence in reliability](#).

- ❑ Presentations made to IEEE 802.3 Industry Connections NG-EPON ad hoc and to the NG-EPON Study Group illustrate the technical feasibility of a point-to-multipoint PHY operating at a rate of at least 25 Gb/s
- ❑ This project reuses the Ethernet point-to-multipoint technology that proved to be stable and reliable. The project will extend point-to-multipoint PHY technology to support MAC data rates of 25 Gb/s and up to **100 Gb/s**.
- ❑ Contributions received from PHY vendors, component vendors, system vendors, and service providers suggest that 10 Gb/s point-to-multipoint and 25 Gb/s point-to-point technologies are mature, which provides a high level of confidence in the reliability of future 25 Gb/s and **100 Gb/s** EPON systems.

Proposed CSD Technical Feasibility Changes

Each proposed IEEE 802 LMSC standard shall provide evidence that the project is technically feasible within the time frame of the project. At a minimum, address the following items to demonstrate technical feasibility:

- a) Demonstrated system feasibility.
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- ❑ This project reuses the Ethernet point-to-multipoint technology that proved to be stable and reliable. The project will extend point-to-multipoint PHY technology to support MAC data rates of 25 Gb/s and up to [50 Gb/s](#).
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