

Comments on P802.3cx PAR & CSD
from 802.1

P802.3cx Amendment: Improved Precision Time Protocol (PTP) timestamping accuracy, PAR and CSD

PAR

5.2b Scope of the project:

It is not clear from comparing 5.2.b Scope with the 5.5 Need and 5.6 Stakeholders whether P802.3cx is only for the telecommunications market or also addresses other markets, e.g., industrial automation and SmartGrid.

It should be clarified.

One possible change could be:

“Define optional enhancements to Ethernet support for time synchronization protocols to provide improved timestamp accuracy ~~in support of~~, with the target being ITU-T Recommendation G.8273.2 'Class C' and 'Class D' system time error performance requirements.”

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PAR

5.2b Scope of the project:

The PTP Telecommunication Profile that uses ITU-T G.8273.2 clock specifications is specified by ITU-T G.8275.1. It would be good to add ITU-T G8275.1 to 8.1 as a note on 5.2.b.

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CSD

Broad Market Potential

Broad application base

Delete “as they move to higher-rate interfaces” from the end to the sentence in the second item because the need for high accuracy is independent of the link rate.

Compatibility

Typo: replace “legacy interfaces DTEs” with “legacy interface DTEs”