

IEEE 802.3 10SPE Multidrop Enhancements (SPMD) Study Group Opening Report

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IEEE 802.3 SPMD Study Group

Study Group information

Study Group Organization

Chad Jones IEEE 802.3 SPMD Study Group Chair

Study Group charter

Move that the IEEE 802.3 WG form a study group to develop a PAR and CSD for “10SPE Multidrop Enhancements”

Study Group web and reflector information

Reflector information: <http://www.ieee802.org/3/SPMD/reflector.html>

Home page: <http://ieee802.org/3/SPMD/index.html>

Private area: <http://ieee802.org/3/SPMD/private/index.html>

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IEEE 802.3 SPMD Study Group Activities since July 2019 plenary

Held telephonic Adhocs Aug 28, 2019 and Oct 9, 2019

Met during the Sept 2019 interim meeting series

Major items discussed, decisions made and actions

- PAR, CSD, objectives

- Use cases

- Single pair cable heating in bundles

- Multidrop power delivery tradeoffs

- EEE and Multidrop

- Interoperability vs Engineered systems

- Chair's view of technical hurdles

Current status

All Study Group documents are in draft form

CSD: http://www.ieee802.org/3/SPMD/public/sep19/spmd_pjones_04_0919.pdf

Objectives: http://www.ieee802.org/3/SPMD/public/sep19/spmd_pjones_03a_0919.pdf

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Meeting week plan

Goals for the meeting

Complete PAR, CSD, objectives

Progress approval of objectives, CSD and NesCom submittal of PAR

Big ticket items

Use cases

PAR

CSD

Objectives

Questions?

Thank you!