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# **SPE Multidrop Enhancements Mixing Segment Considerations Update**

## **October 2020**

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# Summary

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- IEEE P802.3da Task Force Work Items

<https://www.ieee802.org/3/da/workitems/index-word.html>

Mixing Segment	specifications (IL, RL, mode conversion, etc.), MDI specs (tighter than CG?)
MDI + stub	connection (inductance, capacitance, resistance)

- Follow-on July 2020 Single Pair Multidrop Considerations
  - [https://www.ieee802.org/3/da/public/jul20/diminico\\_SPMD\\_01\\_0720.pdf](https://www.ieee802.org/3/da/public/jul20/diminico_SPMD_01_0720.pdf)
- Update to be first week in November 2020
  - Multidrop Model for SPMD Multidrop mixing segment characteristics with 18 AWG cable model