

PoDL Liason Report

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PoDL Progress This Week

- Resolved 72 comments on Draft 0.2
- 5 Presentations:
 - Coupling Circuitry
 - Isolation
 - Classification
 - MPS
 - Redundant Power
- Moved to adopt baseline text for MPS
- Draft 1.0 due end of January, comments to be reviewed Berlin in March

Color Commentary

- Most of the draft is in good shape
- The new MPS text fills one of the major remaining holes
- There was quite a bit of discussion about voltage drop across the wire and the impact on the class levels
 - Class levels now in the draft are placeholders
 - New class level proposal due in March

PoDL – Specific Modifications to Data Specs

- Some of the specs in 100BASE-T1 need to change to support PoDL operation
 - The low end of frequency band will be affected by the PoDL coupling components
 - RL is primarily affected, but other specs may be as well
 - Clause 104 (PoDL) will contain revised specs that apply when PoDL is used – no edits to Clause 96
- No 1000BASE-T1 have been identified with the same issue but if they come up, they will be treated in the same way