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