

PMD Technical Feasibility
Demonstration –
A Report on Planning Meeting
(updated by jonathan on 7/12)

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IEEE P802.3ae, Portland

First Meeting

- Held on July 9, 2001, Portland.
- Number of attendees: 57
- Open discussion, mostly focusing on definition, participation and milestones.

Technical Feasibility Demonstration - definition

- To demonstrate a BER of 10^{-12} over the rated distance; shown to be interoperable between PMD of at least two vendors for each PMD type.
- Path to full compliance is explained credibly.
- PMA feasibility demo is implicit here.
- By September 17, 2001.

Milestones

- Discussions from now till September 17 on Serial PMD Ad Hoc email reflector.
- Share preliminary spec measurements over rated distance and ISI Penalty model validation. Sept. 4
- Share interoperability results, and claim that technical feasibility is consistent with our economic feasibility objective: Sept. 4

Vendors (Either LAN or WAN rate)

- UNH and 10GEA have offered to help.
- 850 nm Serial – F.O.2.2 work, Picolight, Cielo, Corning, Lucent, CDT, Stratos. Coordinator: Mike Dudek.
- 1310 nm Serial – Intel, E2O, Molex, Finisar, Nortel, Infineon, Stratos. Coordinator: Vipul Bhatt.
- 1310 WWDM – Molex, Pine Photonics, Blaze. Coordinator: John Dallesasse
- 1550 Serial – Agere; Intel; Lucent; Nortel
Coordinator (pro-tem): Tim Warland

Note: participation is contingent of corporate approvals...