
Optical PMD Sub Task Force Report

Vipul Bhatt, Chair,
Thomas Murphy, Editor
Optical PMD STF
IEEE P802.3ah
March 2003, Dallas

Key Issues

Good volume of comments this time (293 total), and three planned presentations, addressing several key issues.

- Big-ticket item: Extended temperature operation – scope, informative vs. normative.
- 58: Clocking architecture and jitter considerations; signal detect; power level and burst-time quanta adjustments.
- 59: Rise time and jitter tradeoffs.
- 60: Follow-up on alignment between current specs and legacy components, including status of interoperability study.
- Other: Test procedure refinements; system and logic implications of defining compliant test patterns; ensuring consistency of cable plant specs across clauses; informative jitter value equivalents from TDP.