

# ad hoc report on TP2 conference calls

Calls between  
Portland (7/04) and Ottawa (9/04)

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# Agreed objectives

- Present a proposal for TP2 signaling parameters\* and associated conformance testing at the September Meeting.
- The work must consider and provide tradeoff information among component cost, test cost, [power,] and optical power penalties.

\*Time and/or frequency domain parameters; not optical geometries, coupling, etc.

# History

- Call dates
  - 7/30, 8/6, 8/19, 8/26, 9/2, 9/9, 9/16, 9/21
- Presentations
  - 8/6 - organizational, Lindsay
  - 8/19 - penalties vs. simulated lasers, Hanberg/Lobel
  - 9/9 - cost vs. performance tradeoffs (verbal), Van Schyndel
  - 9/9 - penalties vs. experimental waveforms, Swenson
  - 9/16 - TP2 test framework proposal, Lindsay
- Most presentations are on task force web site

# Progress

- Specific discussions about cost sensitivities vs. performance, laser types, etc. have not been productive
- Efforts have shifted to working directly on test framework and specs
  - Status/consensus?

# Ottawa presentations

- Ad hoc report (this presentation), Lindsay
- TP2 test and specification framework proposal, Lindsay & ???
- Others?

# Future

- Work needs to continue
  - Coordinate and be compatible with
    - channel modeling groups
    - TP3 group
  - Refine test framework and methods
  - Determine/refine detailed specifications
- Organization
  - Continue separate TP2 ad hoc
  - Merge with TP3
  - Other?