



# Clause 52 status

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# Clause 52 statistics

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- 192 comments + 3 new comments + 2 motions
- 158 technical comments + 3 new comments
- 34 editorial comments

**0 unresolved comments**



# Progress and big tickets

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- Jitter
- Technical feasibility
- Connector
- 40 km
- OMA
- Triple tradeoff curves
- New link model adoption
- Interferometric noise
- Editorial change approval
- Management features approval

# Global changes

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- Triple tradeoff curves
  - New methodology
  - Approved in Tampa
  - Many, many changes
  - To be incorporated in D2.0 as per technical comments against D2.0
- OMA
  - New methodology
  - Approved in Tampa
  - Many, many changes
  - To be incorporated in D2.0 as per technical comments against D2.0



# Jitter

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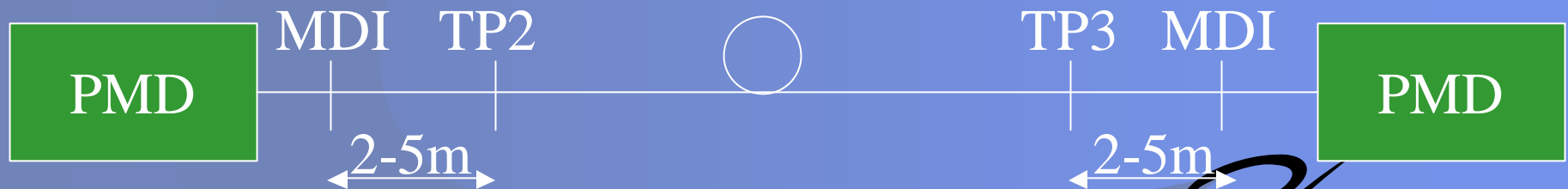
- Presentation by Bill Reysen (chair of Jitter ad hoc)
- Standard is incomplete: current content is incorrect and a placeholder from clause 38 (many comments)
- Jitter represents a technical issue for Clause 52 that is unresolved
- No agreed upon proposal currently on the table
- Jitter ad hoc reports next...



# Connector

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- Duplex SC was only specified connector for D2.0
- Comments against using a single connector for Clause 52/54 (European standards may require this connector if it is specified)
- No agreement on a replacement for the SC
- Solution: redefine the MDI as the fiber, and remove the duplex SC definition



## 40 km

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- 40 km in D2.0 was informative only
  - Defined the link in terms of the optical parameters
- Comments received from multiple commenters to this effect
- Question came up: Should this be normative?
- Answer: Yes.
- 40 km is now normative under specified conditions



# Interferometric noise

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- Presentation from Krister Fröjd
- Represents an additional link penalty
- Might require changes to be made in Clause 52
- Solution:
  - Editorial note in D2.1 at relevant technical specifications with suggested change
  - Interferometric Noise ad hoc created to look at ramifications of this change: tasked to make technical comment against D2.1





# Editorial change approval

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- Existing editorial comment responses approved
- New editorial changes approved (in the future)

# Technical feasibility

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- Raised as “BIG TICKET ITEM” by Jonathan Thatcher in each PMD clause
- Presentation by Ken Herrity
- Only one specific defense of technical feasibility
- Comment rejected
- Question pushed back to committee: What does technical feasibility criteria entail?



# Management features

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- Presentation by Clay Hudgins (with Thatcher's help)
- Specific new text was proposed
- New text was approved.
- Effects clause 45, 52, 54 and resolves technical comments against clause 45



# New link model

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- Approved for future PMD work
- Includes PMD as per presentation today

