



Editor-in-Chief Update

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November 2000 Plenary



Overview

- Clause Editor Update
- Clause Update
- Big Ticket Items
- Open Issues
- Tasks for this Week

Clause Editor Update

- Clause 52
 - David Kabal is Clause Editor
 - Jack Jewell is co-Editor
 - Thanks to Jonathan Thatcher!
- Clause 53
 - Paul Bottorff is Clause Editor
- Clause 54
 - David Cunningham is Clause Editor
 - Bill Lane is co-Editor

Clause Update

- Clause 3
 - Decision in September to remove
 - In D1.1 for posterity
 - Removed from future drafts
- Clause 33
 - P802.3af moving from Clause 44 to 33
 - P802.3ae Clause 33 moved to 45
 - P802.3ae Clause 45 moved to 44
 - Change in next revision of the draft



Big Ticket Items

- Jitter
- Remote Fault & Break Link
- Link Status/Signal Detect
- Interface Electricals & Specifications
- Compliance & Testing
- Loopback
- Optical Connector
- Polarization Mode Dispersion

Open Issues

- MDIO (Clause 33)
 - Link status/signal detect
 - Electrical interface
 - Optional interface
- XGMII (Clause 46)
 - Electrical specifications (voltage, timing)
 - Delay parameters
 - Error checking
 - Delimiters, signaling



Open Issues (cont.)

- XAUI (Clause 47)
 - Compliance channel for far-end template
 - Jitter measurement methods
- 8b/10b PCS & PMA (Clause 48)
 - Break link/remote fault/link failure
- 64b/66b PCS (Clause 49)
 - Break link/remote fault/link failure
 - New state machines
 - Control code usage



Open Issues (cont.)

- WIS (Clause 50)
 - Overhead bytes
 - Management (registers, link status/SD)
 - Test patterns
 - Figures and bit ordering
- Serial PMA (Clause 51)
 - Optional clock mode
 - Loopback
 - Electrical specifications



Open Issues (cont.)

- Serial PMDs (Clause 52)
 - Jitter
 - Management
 - Connector
 - 1550nm distance target
 - OMA specifications
 - Worst case identification
 - Link status/signal detect
 - Polarization mode dispersion

Open Issues (cont.)

- WWDM WAN PMA (Clause 53)
 - New!!
 - Up to speed with rest of the draft?
- WWDM PMD (Clause 54)
 - New!!
 - Up to speed with rest of the draft?



Tasks for this Week

- Need to close off:
 - Management, link status, signal detect
 - Break link, remote fault, link failure
 - Electrical interfaces and specifications
 - Minor issues
- Develop roadmap to close by March:
 - Jitter
 - Connector
 - Compliance & testing