

# 802.3by D0.1 editorial update #2

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802.3by Editor-In-Chief

P802.3by 25 Gb/s Ethernet Task Force

Architecture Ad Hoc

February 11, 2015

# Agenda

- Clause/Annex numbers
- Editorial team
- Editorial Schedule
- Future consensus work
- Ad hoc

# 25GE clause/annex numbering

Clause	Changes
Front matter	Title page, etc.
105	Introduction to 25 Gb/s network
106	25G RS + 25G-MII
107	25G PCS
108	25G RS-FEC
109	25G PMA
109A	25G-AUI chip-to-chip (C2C)
109B	25G-AUI chip-to-module (C2M)
109C	<u>25G PMA sub-layer partitioning examples</u>
110	25GBASE-CR PMD (twinaxial copper cable)
110A	25GBASE-CR TP parameters and channel characteristics
110B	25GBASE-CR and 25G-AUI C2M test fixtures
110C	25GBASE-CR host and cable assembly form factors
111	25GBASE-KR PMD (backplane)
112	25GBASE-SR PMD (MMF)
113 (802.3bq)	40GBASE-T/25GBASE-T (pending 25GBASE-T PAR approval)

# Editorial Team

Editors	Clauses
Matt Brown	Editor-in-Chief Clause Editor: Front, 2, 69, 105, 109, 109A, 109B, 109C
Arthur Marris	Clause Editor: 4, 4A, 30, 31B, 45, 73, 74, 106, 107
Adee Ran	Clause Editor: 108, 110, 111
Chris Diminico	Clause Editor: 110 (CA/MDI), 110A, 110B, 110C
Jonathan King	Clause Editor: 112

# Draft 0.1 Reviewers

- Kent Lusted
- Jeff Slavick
- Adam Healey
- Pete Anslow

# Tentative editorial schedule

- Feb 10~~11~~: Post draft and request comments. – done
- Feb 24~~23~~: Comment deadline (3PM EST).
- Feb 24: Post comments received.
- Feb 25: Architecture ad hoc: discuss BTIs.
- Mar 4: Architecture ad hoc: discuss BTIs.
- Mar 5: Post comment response.
- Mar 9: Plenary, resolve comments.

BTI = big ticket item

# Future Consensus Work

- Clause 108 (RS-FEC):
  - RS-FEC EEE rapid codeword marker mechanism is undefined.
  - Clause 49 hi\_ber threshold is not compatible with the Clause 108 error marking.
  - Codeword marker values (BIP, pad)
- Clause 110 (CR):
  - Clause 74 FEC and no-FEC modes of operation and related specifications.
  - Clause 74 FEC mode PMD BER target
- Clause 73:
  - 25GBASE-CR/KR auto-negotiation parameters

Note: TBD material in draft is marked with magenta text.

# Upcoming ad hocs

- Review comment writing and submission.
- Review comment resolution plan.
- Comment resolution preparation.