

802.3by D0.1 editorial update

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802.3by Editor-In-Chief

P802.3by 25 Gb/s Ethernet Task Force

Architecture Ad Hoc

February 4, 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)
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 cable/host form factors and use cases
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
Arthur Marris	Clause Editor: 4, 4A, 30, 31B, 45, 73, 74, 106, 107
Adee Ran	Clause Editor: 108, 110, 111
Chris Diminico	Clause Editor: 111 (CA/MDI), 110A, 110B, 110C
Jonathan King	Clause Editor: 112
Jeff Slavick	Editorial review
Adam Healey	Editorial review
Kent Lusted	Editorial review

Tentative editorial schedule

- Feb 11: Post draft and request comments.
- Feb 24: Comment deadline.
- Feb 25: Architecture ad hoc: discuss BTIs.
- Feb 25: Post comments received.
- Mar 4: Architecture ad hoc: discuss BTIs.
- Mar 5: Post comment response.
- Mar 9: Plenary, resolve comments.

BTI = big ticket item

Future Consensus Work

- The following are some specifications not well defined in the baseline:
 - Need scrambled idles pattern for PMD testing when using Clause 74 or Clause 108 FEC.
 - RS-FEC EEE rapid codeword marker mechanism is undefined.
 - Clause 49 hi_ber threshold is not compatible with the Clause 108 error marking.

Upcoming ad hocs

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