Editorial Update

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P802.3ck Editorial Team

IEEE P802.3ck Task Force

May 20, 2020

Activities since March 2020 meetings

- Final telephonic meeting for the March series on 6 May 2020.
- Created draft 1.2
  - Thanks to the editorial team for pulling the draft together quickly.
  - Thanks also to Mau-Lin Wu for help reviewing draft.
- Third Task Force review (D1.2)
  - Opened on 14 May 2020
  - Will close on 13 June 2020
- No new comments received so far
  - 35 comments from D1.1 to be re-submitted
    - 8 in 120F, 17 in 120G, 6 in 162, 3 in 163, 1 in 45

Task Force Review

- Goal is to create a technically complete specification.
- Priorities:
  - Completing TBDs
  - Completing descriptions and test methodologies
  - Corrections to existing draft
- We have limited time at interim meetings
  - Refinements can be deferred to WG and SA ballot.

Big Ticket Items

- ERL for all PMD types
  - methodology and most test parameters worked out in D1.2
  - need some test parameters for some interfaces
  - need ERL values for all interfaces
- Annex 120G (C2M)
  - significant headway on eye opening methodology and TP1a parameters in D1.2
  - Some time-domain parameters for TP1a (ESMW, transition time)
  - Test methodology for TP1, TP4, TP4a
  - Most time-domain parameters for TP1, TP4, TP4a

Big Ticket Items

- Clause 163 (KR)
  - Test fixture considerations for some TBD (may apply to C2C)
  - Various RL parameters for TX and RX
  - TX linear fit pulse peak
  - Some RX interference tolerance parameters
  - Channel COM parameter (transition time)
- Annex 120F (C2C)
  - TX parameters (Vf, LF pulse peak)
  - various RX interference tolerance parameters
  - Channel COM parameter (transition time)

Big Ticket Items

- Clause 162
  - Various RL parameters for TX, RX,
  - CA common mode RL, common mode conversion loss,
  - TX coefficient presets
  - CA COM parameters (SNR_TX)
- Annex 162B
  - test fixtures parameters ILD, return loss, common mode conversion insertion loss and ICN
- Annex 162C
  - references to connector industry specifications
  - connector drawings (SFP112-DD)