Editor's Report

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P802.3da Editorial Team

- Clause split is still mostly TBD, depends on detail
- George Zimmerman, Senior Editor
- Valerie Maguire, Managing Editor
  - Front matter, Clause 1, Definitions
  - Minor changes to existing clauses
  - Clause coordination (assemble book, etc.)
- Jon Lewis, Figures and IEEE 802.3 Chief Editor
  - State diagrams, figures, editorial Advice
- Help appreciated – best if text is provided in word

P802.3da Draft 0.75 Status

- All – Aligned with IEEE Std 802.3-2022 and amendments through .3de

- Clause 1 - Definitions & References
  - Only definition for new PHY name, 10BASE-T1M, right now – review for additions

- Clause 30 - Management Objects
  - New capabilities for DPLCA, needs addition:
    - aDPLCAWaitBeaconTimer behavior when not set and reset/power on behavior

- Clause 90 – TSSI for half-duplex (now aligned with 802.3de/802.3dx) – should be done

- Clause 148 PLCA – DPLCA changes, fixes to state diagrams in - needs review

- Clause 168 10BASE-T1M PHY – uses Clause 147 as basis, has mixing segment text, includes new "TCI" text – needs review

- Clause 169 Power over Multidrop SPE – not started, needs baselines

Draft 0.75 Comment Cycle

- 2 comments received, 1 commenter:

Editorial	15	0	19	Follow Standards Style guidelines to only capitalize the first word in subclause headings.	Change to: 168.8.1.1 TCI Insertion loss and 168.8.1.2 TCI Return loss
Editorial	65	168.4.3	42	Consider using "shall" here.	Replace, "the PMA Receive function must achieve" with "the PMA Receive function shall achieve"

Clauses which may need something, but have nothing so far in draft 0.75

- Clause 22 Reconciliation Sublayer and MII ; Clause 78 EEE

- Clause 45 with MDIO registers – NOT TOUCHED YET (dependent on PHY changes)

- Clause 79 LLDP and TLV elements ;
  - Dependent on powering, additional PHY features

- Clause 147 10BASE-T1S – any changes or updates?
  - Possible – if not new PHY clause, that amendments are made instead of writing Clause 168

Clause 168 – 10BASE-T1M

- Motions from filled in substance:
  - PHY: from Clause 147 - need review to align with any changes in 802.3 revision
  - Mixing segment: slides 3-5 of diminico_SPMD_02_06292022
  - TCI text changes from 8023- 168_withTCIr1.pdf

- PHY-related additional technical Notes (need review):
  - 168.5.4.2 - Droop test? or more DME-appropriate TX specification
  - 168.5.5.2 – Change definition of Alien noise source?
  - 168.9 – Needs alignment with revision

- Big ticket items:
  - 168.7 & 168.8 Mixing segment/TCI specs (and subsections)

THANK YOU!