

Editor's Report

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(ADI, APL Gp, Cisco, Commscope, Marvell, OnSemi, SentekSe, Sony)

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05/14/24

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

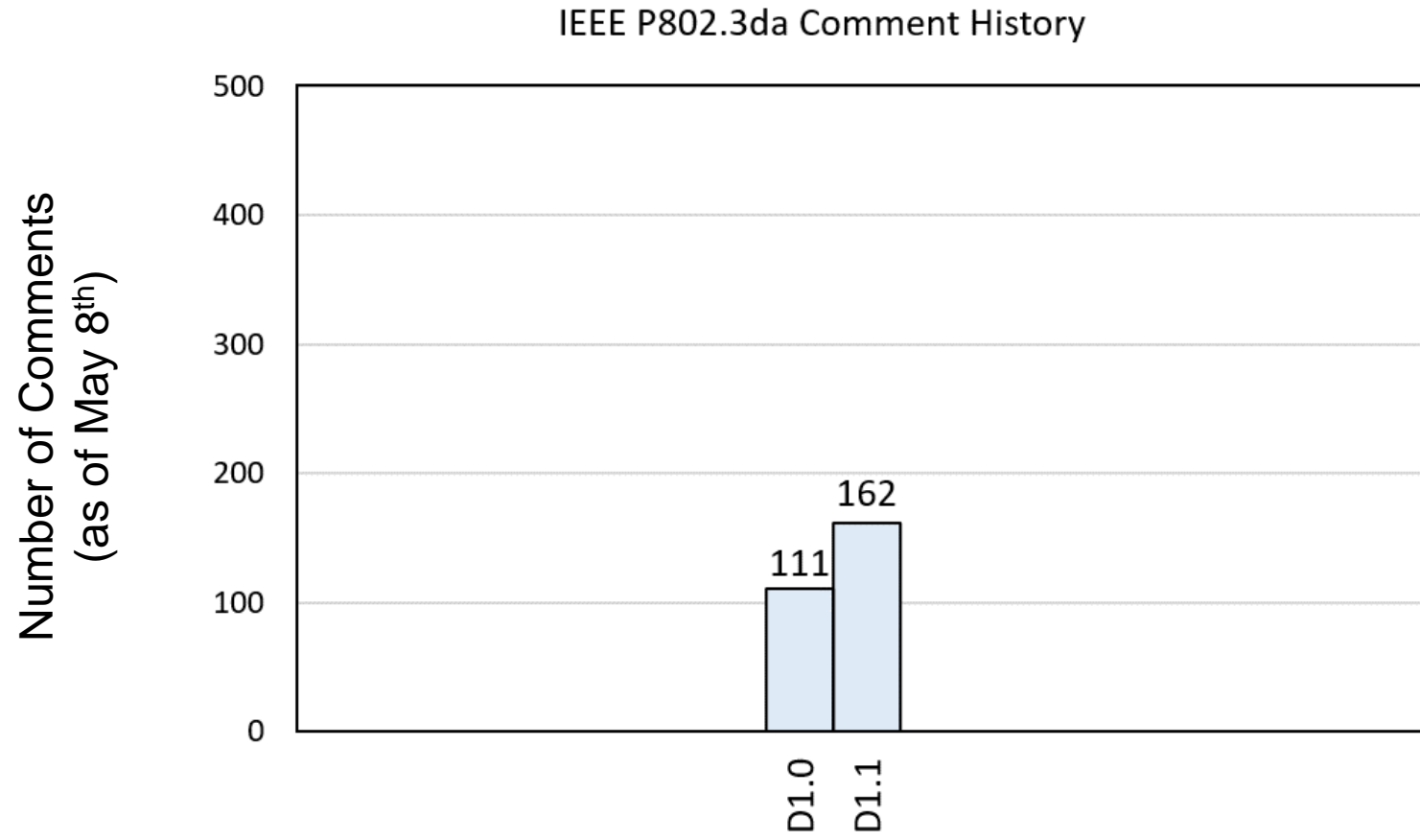
P802.3da Draft 1.1 Status

- Status prior to d1.1 comment resolution
- All – Aligned with IEEE Std 802.3-2022 and amendments through .3de
- Clause 1 - Definitions & References
 - Only definitions are new PHY name, 10BASE-T1M and TCI; plus abbreviations
- Clause 30 - Management Objects (New capabilities for DPLCA)
- Clause 45 – MDIO registers – still to do...
- Clauses 22, 78, 79, 147, Annex A (bibliography) all empty – do we need these?
- Clause 90 – TSSI for half-duplex (should be done)
- Clause 148 PLCA – DPLCA changes, but we've heard contributions on fixes...
- Clause 168 10BASE-T1M PHY – need to review, get mixing segment & TCI electrical specifications
- Clause 169 Power over Multidrop SPE – still under construction

Draft 1.1 Comment Cycle, Quick Look

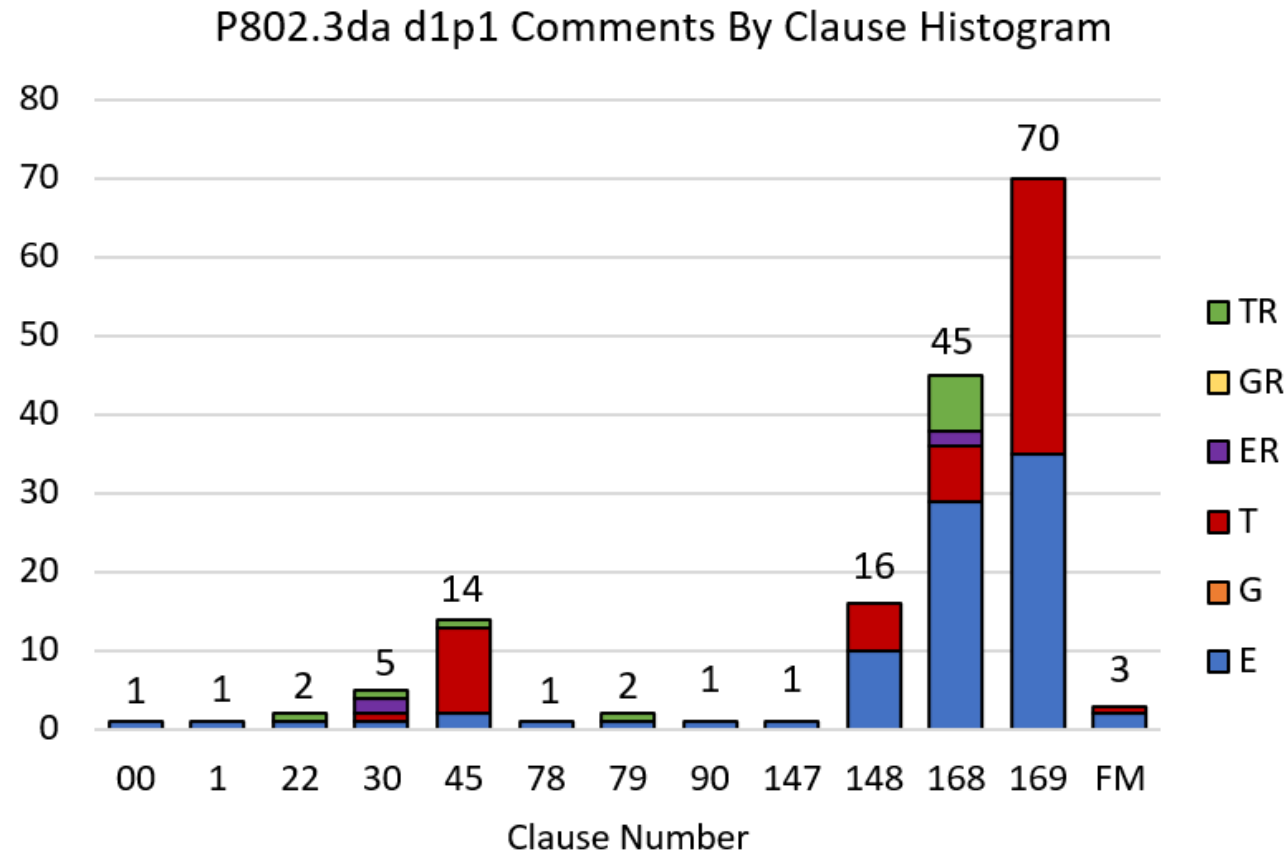
- 162 comments received, 7 commenters (D1.0 was 111/7)
- 35 EZ comments, 23 Editorial + 5 on empty clauses
- Major issues to discuss:
 - Management registers/relation to 10BASE-T1S
 - TCI & Mixing Segment Electrical:
 - Need equations
 - Power Interface vs. TC3
 - Power (PSE/PD) electrical parameters

P802.3da Comment History



Draft 1.1 Task Force Review

- Comment ratio and comment totals by clause:



Draft 1.1 Task Force Review, cont.

- Comment breakdown by Topic:

10BASE-T1S: 4	PI: 6	Power - Unit
Editorial: 23	PLCA: 3	Loads: 4
Empty Clauses: 5	PLCA State	TC3: 1
EZ: 35	Diagrams: 6	TCI: 2
LLDP: 1	Power - Discovery: 6	TCI electrical: 3
Management: 16	Power - General: 7	TCI nomenclature: 7
Mixing Segment	Power - MPD: 12	Test Modes: 2
description: 4	Power - MPSE: 8	
Mixing Segment	Power - State	
electrical: 4	diagrams: 3	

Total: 162

THANK YOU!