

# Editor's Report

**George Zimmerman / CME Consulting**

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

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**07/16/24**

# P802.3da Editorial Team

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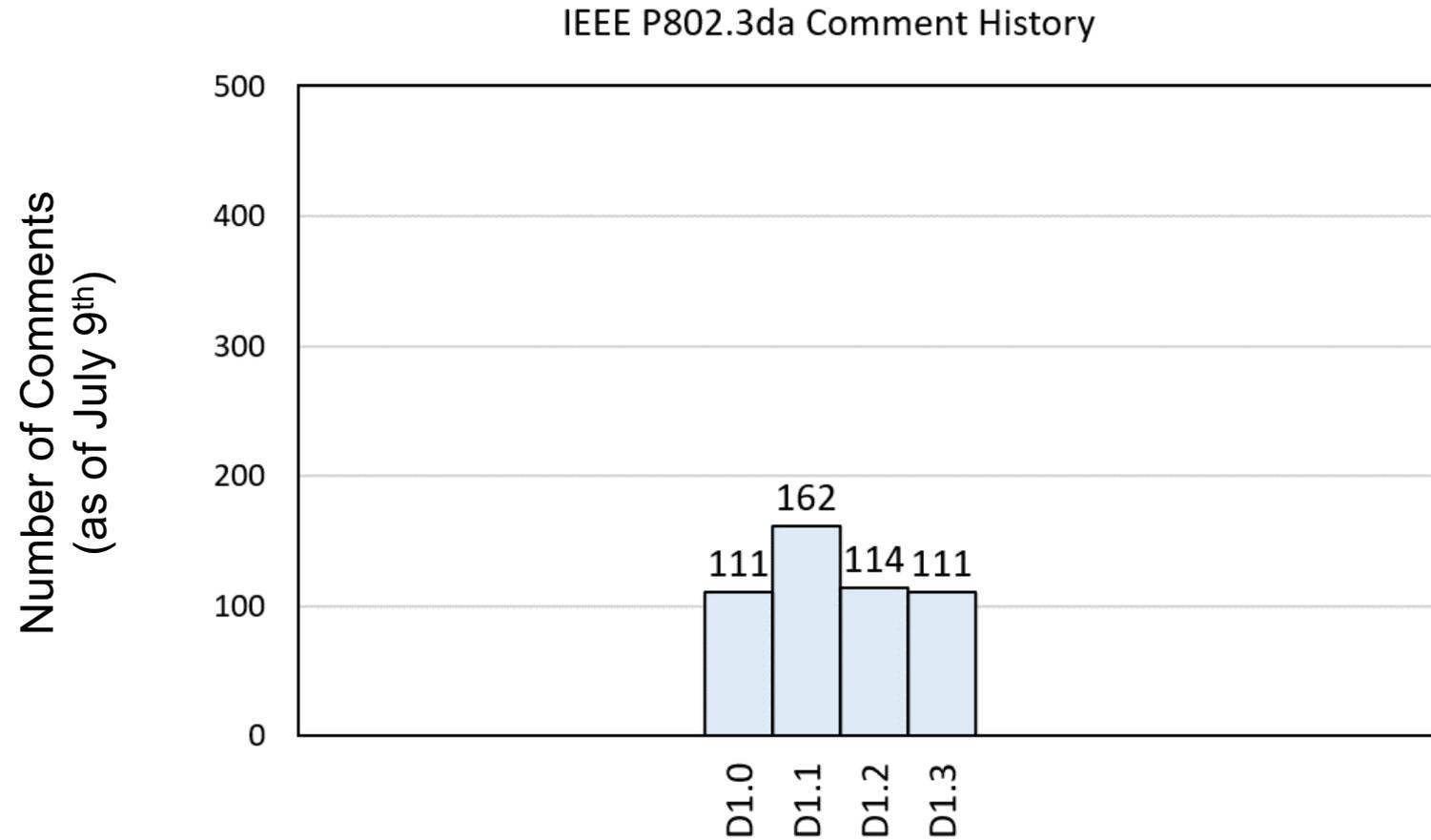
- Clause split is still mostly TBD, depends on detail
- Valerie Maguire, Managing Editor
- George Zimmerman, Technical Editor
- Jon Lewis, Figures and IEEE 802.3 Chief Editor
  - State diagrams, figures, editorial Advice
- Help appreciated – best if text is provided in Word

# P802.3da Draft 1.3 Status Prior to Comment Resolution

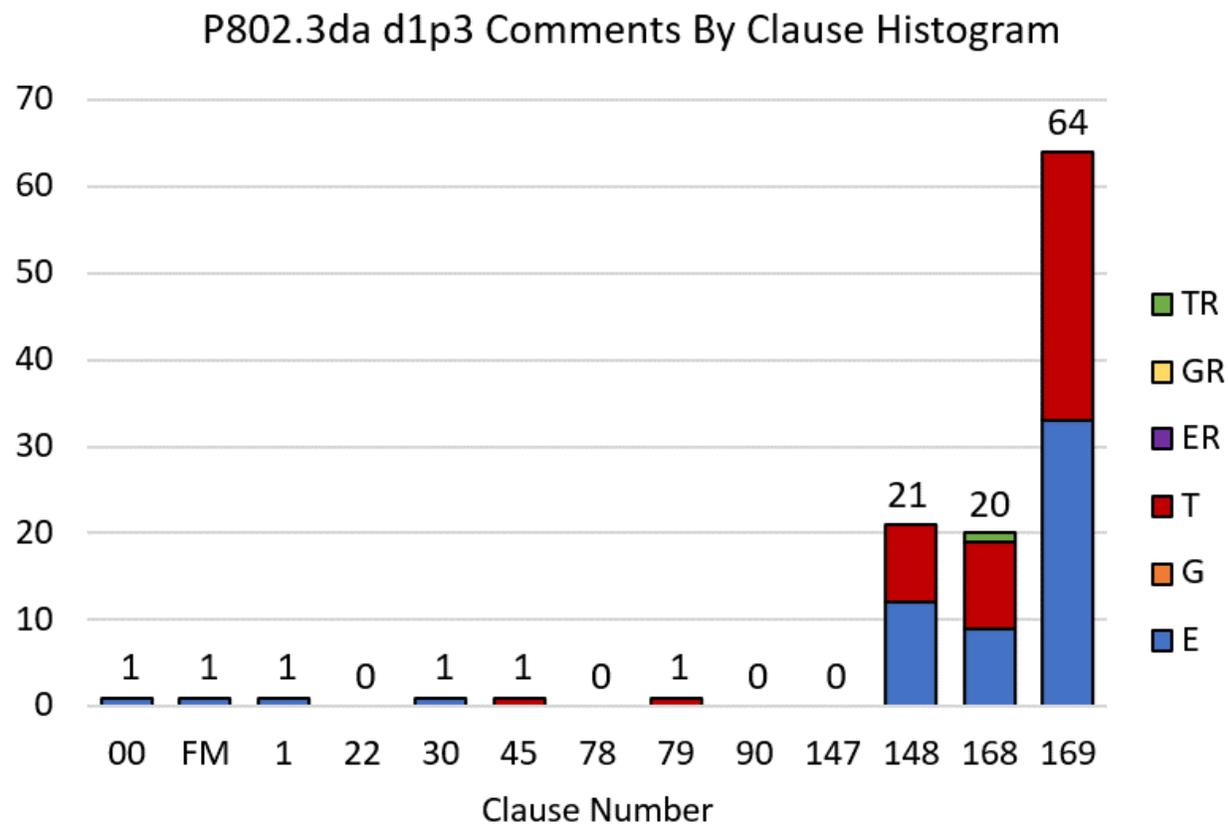
Clause	30	Management/Power
	Page	27 Clause 30 management objects for clause 169 powering
Clause	148	PLCA (not critical)
	Page	48 additional information on the relationship between hard_aging_cycles and soft_aging_cycles in D-PLCA
Clause	168	Gonna need some input from people making 10BASE-T1S devices...
	Page	79 whether the droop constant of the DME transmitter, OR the transmitter PSD mask need adjustment (see beruto_3da_20220502_tx_model.pdf for a description of the problem with the transmit PSD mask)
	Page	81 adjusting the alien crosstalk rejection test to a 50 ohm mixing segment and our increased loss function... (needs some simulation work, or else some lab measurements for a real number...)
	Page	83 - mixing segment return loss (I think Chris is working on this)
	Page	87 whether we need an additional isolation requirement when clause 169 powering is NOT used...
Clause	169	don't put this all on Michael!
	Page	116 fix the Top level MPD state diagram at the outputs from PON_EVAL
	Page	107 Table 169-3 (MPSE discovery) TBD max values for Discovery low event time and Discovery time...
	Page	108 Table 169-5 (MPSE power supply) TBD values for output slew rate (max & min), output short circuit current (max & min)
	Page	118 Table 169-8 (MPD power supply) TBD value for max MPD capacitance on the MPI
	Page	124 PICS for clause 169.... (I expect to generate these)

- Big Ticket Items:
  - PHY: Isolation, Crosstalk
  - Any changes to transmitter
  - Power: State diagrams, MPD parameters, Management
  - PHY: Alien Crosstalk rejection
- Not that many TBDs to fill in
- Fix Errors

# P802.3da Comment History



# Draft 1.3 Task Force Review



# Draft 1.3 Task Force Review, cont.

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- Comment breakdown by Topic:

10BASE-T1S: 1	Late (various): 10	MPSE State
Alternate power	Management: 1	diagram: 10
pairs: 5	Mixing Segment: 2	PCS: 1
Duplicate shalls: 3	MPD: 1	PICS: 1
Editorial: 7	MPD State	PLCA: 7
EMC: 2	diagram: 5	PMA: 1
EZ: 41	MPSE: 6	TCI: 6
Isolation: 1		

Total: 111

# Motion

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- Move to accept the proposed responses in the topic “EZ” in file Proposed\_EZ\_802d3da\_D1p3\_Page.pdf with the exception of comments \_\_\_\_\_.
- M: Valerie Maguire
- S: George Zimmerman

# Late Comments

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- Any objection to considering the 10 comments with Topic marked as “LATE” (appended to topic area) in Proposed\_all\_802d3da\_D1p3\_Page.pdf?
- M: Valerie Maguire
- S: George Zimmerman

NOTE – Motion, if needed, at the Chair’s discretion

# Proposed Comment Review Order

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- Start with the hard stuff
  - Power & Presentations
    - MPSE, MPD and State diagrams
      - See where we have consensus
  - Isolation – see where we have work to do
  - Then go to all others, and do Editorial & Editor's notes last
    - Please review so we can consider motions to leave those to proposed responses if needed to save time

**THANK YOU!**