Editor's Report

George Zimmerman / CME Consulting

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

Valerie Maguire / Copperopolis (affiliated w/Cisco & CME Consulting)
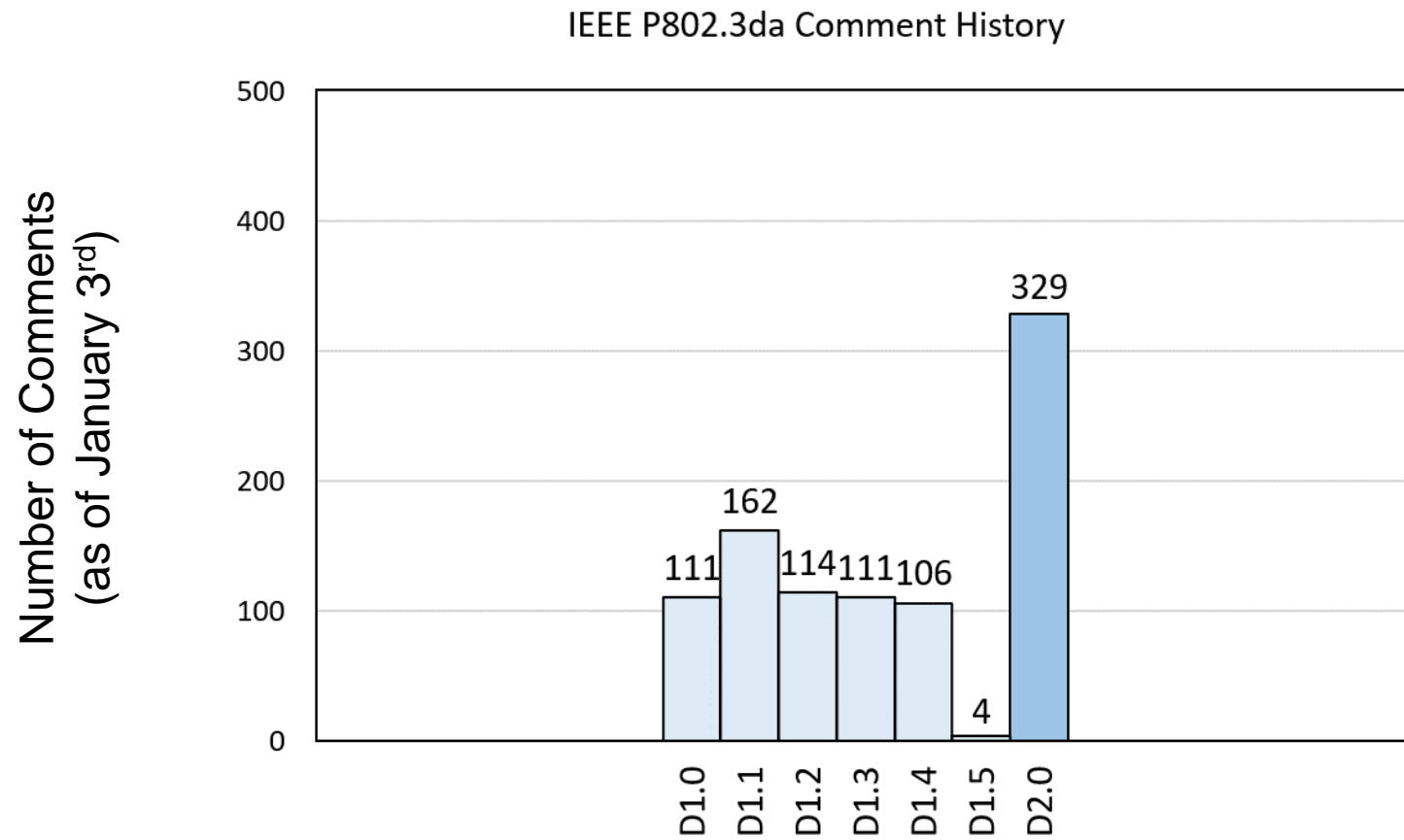
01/14/25

P802.3da Editorial Team

- 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 d2p0 Vote Tally

- The initial Working Group ballot of IEEE P802.3da closed on December 17, 2024 AoE (23:59 UTC-12)
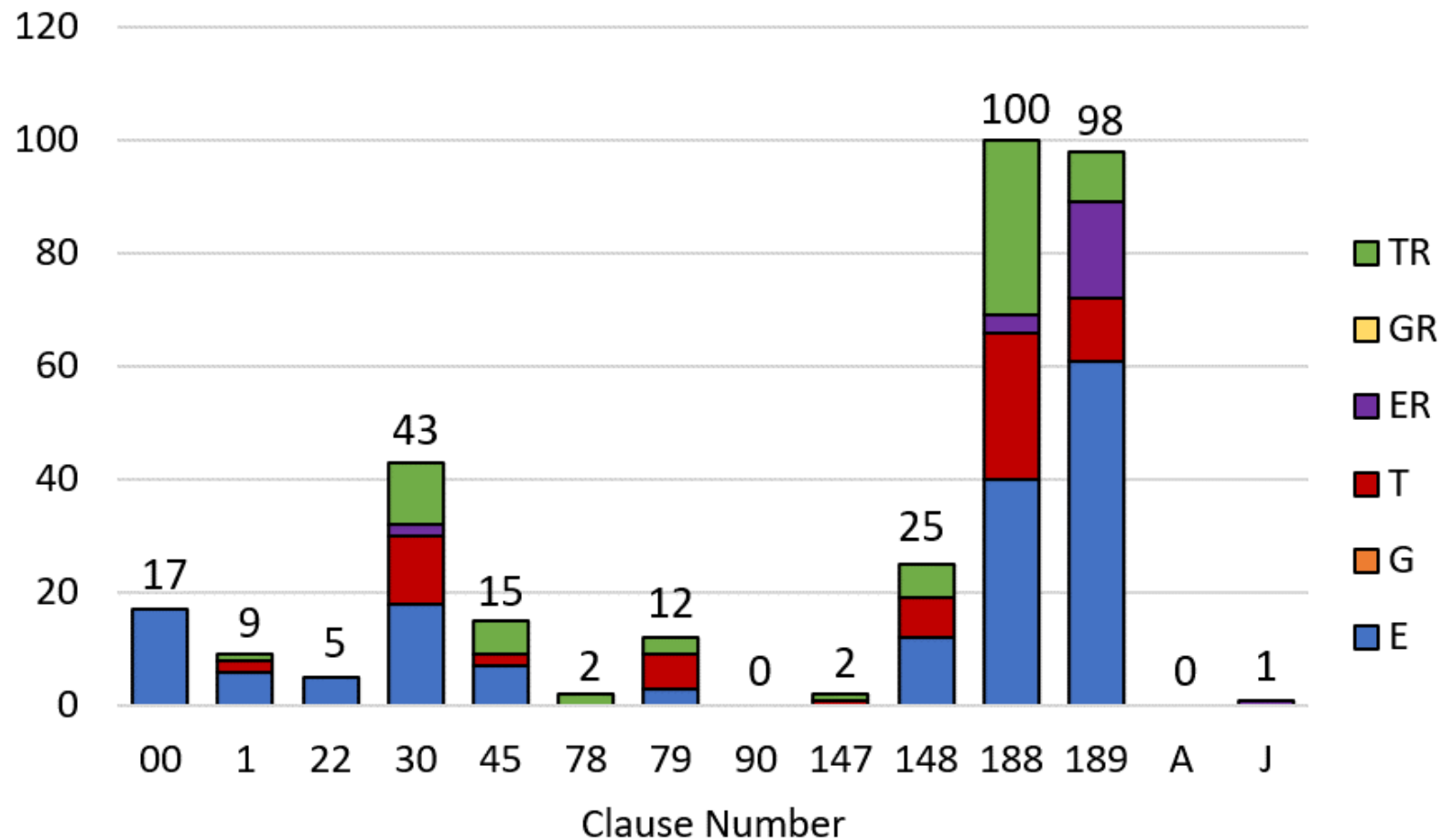- Tally as of January 3rd:

	Working Group ballot d2p0			Req %
	#	%	Status	
Abstain	32	20	PASS	< 30
Disapprove w/ comment	14	-	-	-
Disapprove w/o comment	0	-	-	-
Approve	111	88	PASS	≥ 75
Ballots returned	157	65	PASS	≥ 50
Voters	239	-	-	-
Comments	329	-	-	-
Comments w/ late	329	-	-	-

P802.3da Comment History

IEEE P802.3da Comment History

Draft 2.0 Working Group Review

Draft 2.0 Working Group Review, cont.

- Comment breakdown by Topic:

10BASE-T1S: 2	MII: 3	PMA: 7
Big Ticket Item: 1	Mixing Segment: 9	PMA Electrical: 14
Delay: 1	MPD: 11	Power: 6
D-PLCA: 13	MPoE: 1	Primitives: 8
Editorial: 53	MPSE: 11	State Diagrams: 9
Environmental: 4	Naming: 7	TCI: 8
EZ: 92	New Feature: 5	Test Modes: 5
Front Matter: 1	PCS: 14	Unit Load: 3
LLDP: 8	PICS: 4	
Management: 28	PLCA: 1	

NOTE: "Big Ticket Item" Topic should be allocated to "Management"

Total: 329

P802.3da Draft 2.0 Comment Big Ticket Items

- Conceptual:
  - Relation to Clause 147 PHY (155, 188, 192, 202, 208)
  - MPD type "Mixed" (194 – could ripple elsewhere)
  - Faults (15, 17)

- Getting Details Right:
  - D-PLCA state diagram & parameters (150, 151, 207, 299, 322)
  - MPD Electrical parameters (capacitance, current slew, and TCI RL) (230, 245, 298)
  - MPSE min power (297)

- Management & New Features
  - Power measurement (4, 11, 12, 257, 258)
  - New Features (24, 25, 121, 122, 123) and (292, 293, 294)

Comments with Presentations

- 245 – Current Slew Rate: Potterf
- 246 – Isolation: Potterf
- 292, 293, 294 – Additional discovery states: Paul
- 298 – TCI RL & Unit Load: Paul
- 299 – D-PLCA Control lock up: McClellan
- 121, 122 – LLDP Functionality: P. Jones
- 123 – Physical Topology Discovery: P. Jones
- 317 – Mixing Segment Return Loss: S. Schreiner
- 47 & 194 : C. Jones
- 322: T. Baggett – comment withdrawn.

Motion

- Move to accept the proposed responses in the topic "EZ" in file 802.3da_draft2p0_Proposed Resolutions_EZ Only By Page Line.pdf, except for comments 2, 54, 228, 241, 243, 267.

- M: Valerie Maguire

- S: George Zimmerman

- (Technical >=75%)

- Motion passes by voice without objection

Late Comments

- No late comments as of 14 January start of meeting.

Proposed Comment Review Order

- EZ bucket
  - Any pulled EZ's.

- Review "Big Ticket Items"
  - Highlight issues, if I'm just seeing black helicopters we can resolve, but otherwise table for later

- Review comments that need presentations
  - But not hear presentations yet.

- Go to Editorials and topics, trying to clear low-hanging fruit.
  - Probably avoid D-PLCA state diagrams deep dives, naming, and significant power issues

THANK YOU!