

IEEE P802.3cg 10 Mb/s Single Pair Ethernet Task Force Report

George A. Zimmerman

CME Consulting/ADI, APL Group, Aquantia,
BMW, Cisco, Commscope, SenTekse

Indianapolis, IN USA

12 Sept 2019

IEEE P802.3cg 10 Mb/s Single Pair Ethernet Task Force

Project information

Task Force Organization

George Zimmerman, IEEE P802.3cg Task Force Chair

Jon Lewis, IEEE P802.3cg Task Force Secretary

Valerie Maguire, IEEE P802.3cg Task Force Chief Editor

Peter Jones, Architecture Ad Hoc Chair

Task force web and reflector information

Reflector information: <http://www.ieee802.org/3/cg/reflector.html>

Home page: <http://ieee802.org/3/cg/index.html>

PAR: http://www.ieee802.org/3/cg/P802_3cg_PAR_140518.pdf

CSD: <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0079-00-ACSD-802-3cg.pdf>

Objectives http://www.ieee802.org/3/cg/objectives_3cg_0318.pdf

Approved timeline: http://www.ieee802.org/3/cg/adopted_802d3cg_timeline_0718.pdf

Private area: <http://ieee802.org/3/cg/private/index.html>

Note: The draft, and any other content, is posted for your review only, and neither the content nor access information should be copied or redistributed to others in violation of document copyrights

IEEE P802.3cg 10 Mb/s Single Pair Ethernet Task Force Activities since July (Vienna) Plenary

Met at IEEE 802.3cg out-of-cycle Interim 8/14-8/15/19 in Milwaukee, 28 total attendees (28 8/14, 26 8/15)

- Responded to 67 comments on D3.2, Chartered draft 3.3
- Major items included state diagram fixes and re-institution of recommended connectors

Conducted 3rd Recirculation ballot (8/20 – 9/4/19)

Met Monday 9/9/19, 36 total attendees

- Responded to 32 comments + 1 late comment, Chartered draft 3.4
- Major items included state machine validation and discussion of connectors (no change)

WG Motion

Move that the IEEE 802.3 Working Group approve:
IEEE_802d3_to_ODVA_0919_draft.pdf
with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to ODVA.

M: George Zimmerman S: Jon Lewis

WG Motion

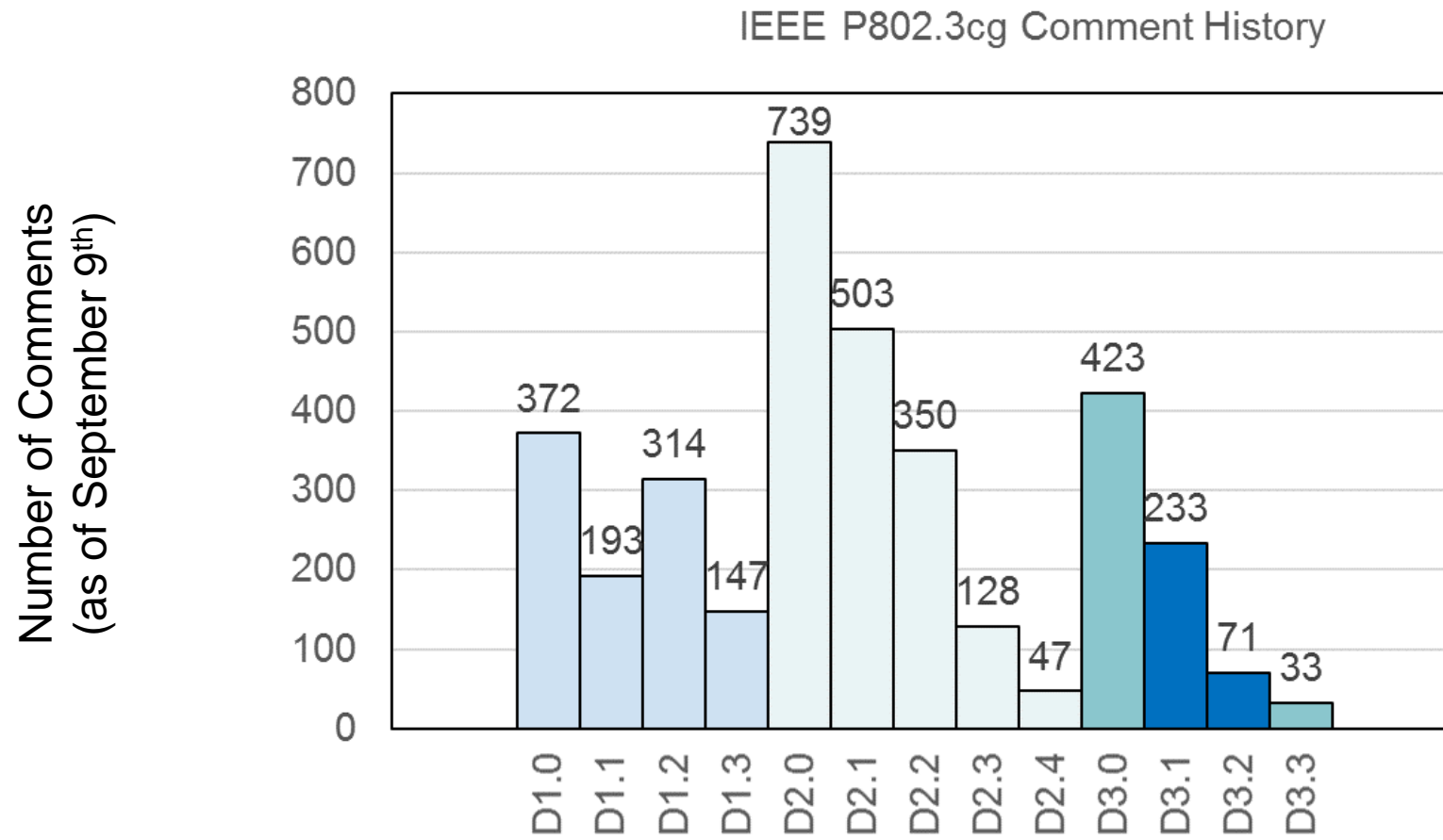
Move that the IEEE 802.3 Working Group approve:
IEEE_802d3_to_ISOIEC_SC25_WG3_0919_draft.pdf
with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to ISO/IEC JTC1 SC25 WG3.

M: George Zimmerman S: Jon Lewis

SA Ballot Summary – 9/6/19

	D3p0	D3p0%	D3p1	D3p1%	D3p2	D3p2%	D3p3	D3p3%	Required
Voters	138		138		138		138		
Return	114	82.61%	123	89.13%	124	89.86%	125	90.58%	>50%
Approve	96	87.27%	106	91.38%	110	94.02%	110	91.67%	>75%
Disapprove w/comment	14	12.73%	10	8.62%	7	5.98%	10	8.33%	<25%
Disapprove w/o comment	0	0.00%	1	0.86%	1	0.85%	1	0.83%	
Abstain	4	3.51%	6	4.88%	6	4.84%	4	3.20%	<30%
Comments	420		227		66		32		
Comments w/floor	422		227		66		32		
Comments w/floor & late	423		233		71		33		

P802.3cg Comment History



Required/Unsatisfied Comment Summary as of 9/9/19

Draft 3.0: 38 unsatisfied comments from 5 commenters

Mostly (36 comments) from 4 commenters on PLCA issue from WG ballot

33 from 2 commenters who commented in WG ballot on related issues

Draft 3.1: 8 unsatisfied comments on draft 3.1 from 1 (existing disapprove) commenter

Draft 3.2: 6 unsatisfied comments on draft 3.2 from 2 (existing disapprove) commenters

Draft 3.3: 7 unsatisfied comments on draft 3.3 from 3 commenters

- 4 from one existing disapprove commenter, 3 from two new, all are related to MDI connector specification

Announcement: P802.3cg Interim

I am announcing a P802.3cg contingent telephonic Interim October 14 to respond to comments from a 4th Recirculation SA ballot

WG Motion

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0079-00-ACSD-802-3cg.pdf> and request conditional approval to progress the IEEE P802.3cg draft to RevCom once the IEEE Standards Association ballot process has been successfully completed.

M: George Zimmerman

S: Jon Lewis

Questions?

Thank you!