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

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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_0517.pdf

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

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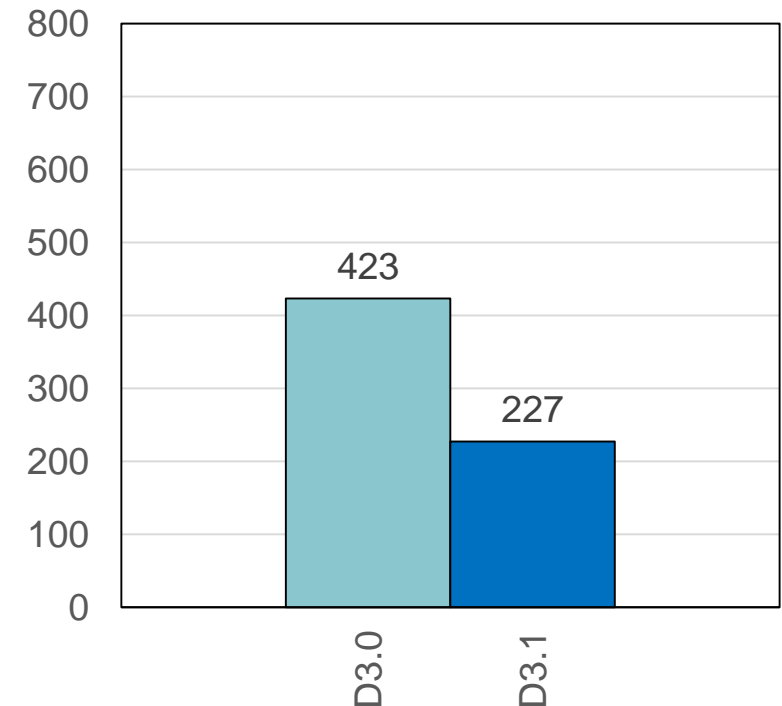
IEEE P802.3cg 10 Mb/s Single Pair Ethernet Task Force Activities since November 2018 plenary

Met during May 2019 802.3 Interim to respond to comments on drafts 3.0 initial SA ballot, and generate draft 3.1 for recirculation

Conducted initial SA ballot & 1st recirculation: 802.3cg drafts 3.0 and 3.1

	D3p0	D3p0%	D3p1	D3p1%	Required
Voters	138		138		
Return	114	82.61%	123	89.13%	>50%
Approve	96	87.27%	105	90.52%	>75%
Disapprove w/comment	14	12.73%	11	9.48%	<25%
Disapprove w/o comment	0	0.00%	1	0.86%	
Abstain	4	3.51%	6	4.88%	<30%
Comments	420		227		
Comments w/floor	422		227		
Comments w/floor & late	423		227		

IEEE P802.3cg Comment History

IEEE P802.3cg 10 Mb/s Single Pair Ethernet Adopted Timeline (July 2018)

- ✓ January 2017 – First Task Force meeting
- ✓ July 2017 – Objectives Finalized, Draft 0.1 (skeleton), all baselines presented
- ✓ September 2017 – Baselines selected, draft 0.9 for Task Force Review
- ✓ **November 2017 –Last features selected - Task Force Review D1.0,** Nov:D1.0, Jan:D1.1
- ✓ March 2018 –Task Force Review (D1.2)
- ✓ May 2018 – Task Force Review (D1.3)
- ✓ July 2018 – Draft 2.0, request working group ballot
- ✓ **March 2019 – D3.0 – enter Sponsor ballot (2 recircs May'19:D3.1, July'19:D3.2)**
        YOU ARE HERE – Recirculate and resolve comments...
- ➢ **July 2019 – Request approval to proceed to Revcom out of July plenary (Expected out of September Interim)**
- ➢ **September 2019 Standards Board approval (Expected in November 2019)**

802.3cg Timeline – July 2019 to Approval

Event	Opens	Closes
1st Recirculation CRG meeting (802 plen)	July 15	July 17
2nd Recirculation: Ballot	July 25-29 (pref July 26)	Aug 9-13 (pref Aug 10)
2nd Recirculation: CRG meeting (OOC 802.3cg int)	Aug 14	Aug 15
3rd Recirculation: Ballot	Aug 23-25	Sept 7-9
3rd Recirculation: CRG meeting (802.3 int)	Sept 11	Sept 12
Conditional approval from 802.3 for Revcom	Sept 13	Sept 13
4th Recirculation: Ballot (if needed)	Sept 14-16	Sept 29-Oct 1
Request 802 chair to submit to Revcom	Sept 17	Sept 17
Request 802 approval for Revcom (EC telecon)	Oct 1	Oct 1
4th Recirculation: contingent CRG meeting (interim telecon)	October 10-31	(same day)
Revcom/SASB	Nov 5	Nov 7
IEEE 802 plenary	Nov 10	15

* Dates in Yellow highlight are externally fixed dates

Announcement: 802.3cg Interim

I am announcing an 802.3cg Out-of-Cycle Interim August 14 and 15 to respond to comments expected from a 2nd Recirculation SA ballot

Meeting to be held in Milwaukee, Wisconsin, USA

Hosted by Rockwell Automation (no fee, no hotel)

Information at: http://www.ieee802.org/3/cg/public/Aug19interim.pdf
http://www.ieee802.org/3/interims/milwaukee_1_0819.html

Please contact myself and David Brandt if you plan to attend

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

Goals for the meeting

- Consider and respond to 227 comments against draft 3.1
- Charter draft 3.2 for 2nd recirculation SA ballot

Big ticket items

- Resolve wording on MDI connector specification
- Refine/resolve state diagram fine details
- Reduce unclosed required comments

Required/Unsatisfied Comment Summary

39 unsatisfied comments from 5 commenters on draft 3.0

Mostly from commenters/issue with WG ballot:

2 dissenting commenters from WG ballot (34 comments)

2 commenters joined on issue of whether PLCA is in scope

1 commenter/3 comments on unrelated cabling specification issues

14 unclosed comments from 2 commenters

All comments accepted or accepted in principle

30 required comments on draft 3.1 from 5 commenters

Above issues plus, MDI connector, Timesync support, State diagram specifications, Specification of Clause 104 enhancements

Questions?

Thank you!