

IEEE P802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces (100GEL) Task Force Closing Report

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IEEE P802.3ck 100 Gb/s, 200 Gb/s, and 400 Gb/s Electrical Interfaces (100GEL) Task Force

Project information

Task Force Organization

Beth Kochuparambil, IEEE P802.3ck Task Force Chair

Kent Lusted, IEEE P802.3ck Task Force Vice Chair
and Task Force Recording Secretary

Matt Brown, IEEE P802.3ck Task Force Chief Editor

Task force web and reflector information

Reflector information: <http://www.ieee802.org/3/100GEL/reflector.html>

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

PAR: http://www.ieee802.org/3/ck/P802_3ck_PAR_140518.pdf

CSD: http://www.ieee802.org/3/ck/P802_3ck_CSD_06apr18.pdf

Objectives: http://www.ieee802.org/3/ck/P802_3ck_Objectives_2018mar.pdf

Approved Timeline: http://www.ieee802.org/3/ck/P802_3ck_Timeline_18july19.pdf

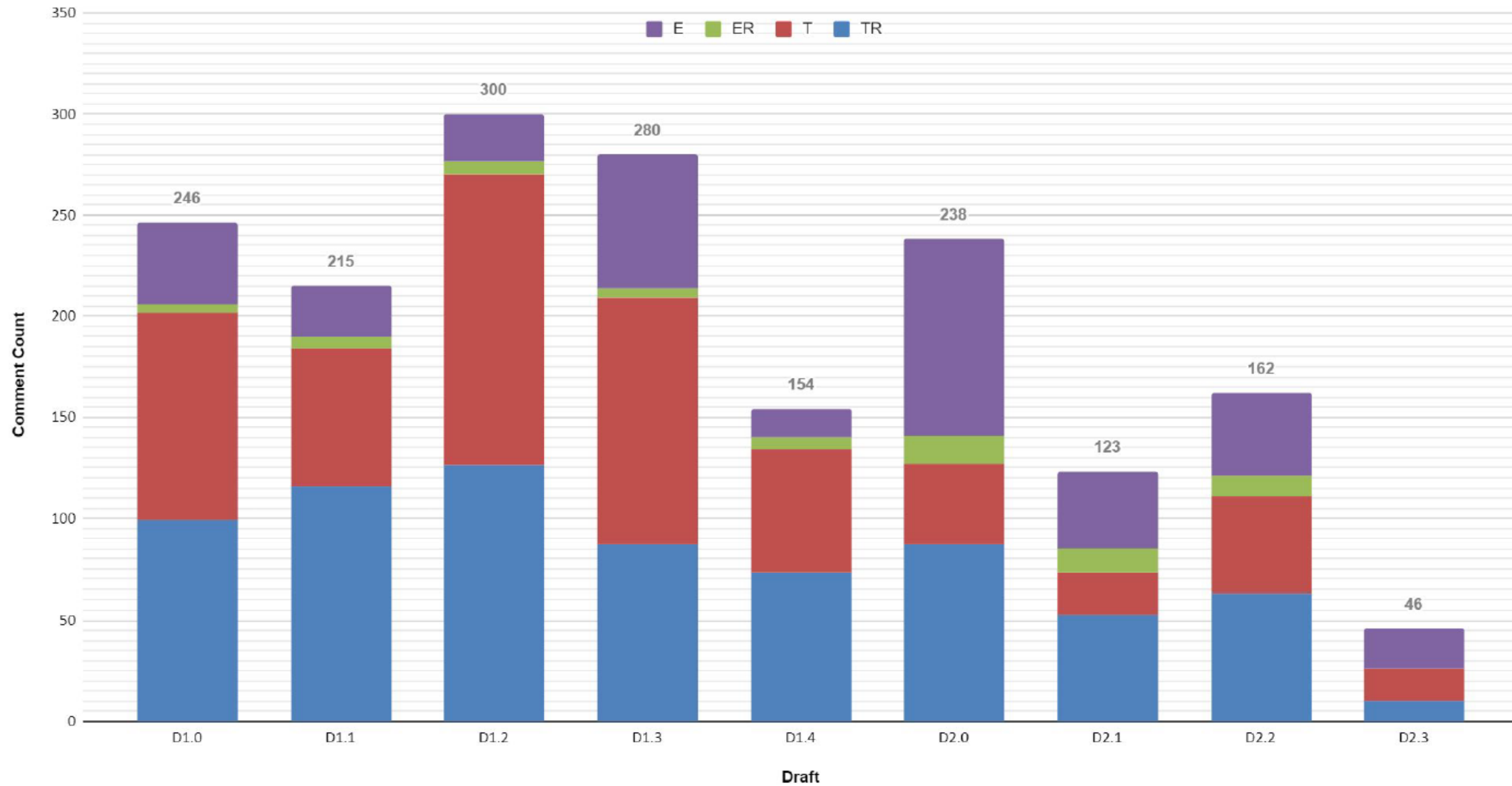
Private Area: <http://www.ieee802.org/3/ck/private/index.html>

Plenary Session Recap

Wednesday, November 17, 7-10am PST

- Recap 3rd WG recirculation ballot content
- Discussed next steps and timeline
- Began comment resolution
 - Comment resolution will continue next week (23-24 Nov, 2021)

Comment History



IEEE P802.3ck Ballot Results

D2.0 initial WG ballot closed on 18th April, 2021

D2.1 1st WG recirc. ballot closed on 3rd July, 2021 (*includes 30 late comments)

D2.2 2nd WG recirc. ballot closed on 16th September, 2021

D2.3 3rd WG recirc ballot closed on 12th November, 2021

	Initial Draft D2.0			1 st Recirculation Draft D2.1			2 nd Recirculation Draft D2.2			3 rd Recirculation Draft D2.3			Req %
	#	%	Status	#	%	Status	#	%	Status	#	%	Status	
Abstain	19	13	PASS	20	13	PASS	20	13	PASS	18	9	PASS	< 30
Dis with comment	15	-	-	10	-	-	6	-	-	1	-	-	-
Dis w/o comment	0	-	-	0	-	-	0	-	-	0	-	-	-
Approve	117	88	PASS	128	92	PASS	150	96	PASS	166	99	PASS	≥ 75
Ballots returned	151	70	PASS	158	70	PASS	176	82	PASS	185	86	PASS	> 50
Voters	195	-	-	195	-	-	195	-	-	195	-	-	-
Comments	234	-	-	153*	-	-	159	-	-	42	-	-	-
Public Comments	4	-	-	-	-	-	3	-	-	4	-	-	-

Unsatisfied comments

Comments that support the remaining disapprove votes and responses

32 unsatisfied TR comments and 1 ER comment from 1 commenters

See https://www.ieee802.org/3/ck/comments/draft2p2/8023ck_D2p2_final_unsatisfiedcomments_b.pdf

Note that 15 of these comments are restatements

10 additional TR comments under consideration by the Task force for 3rd WG recirculation ballot

Note that 8 of which are substantially restatements

Summary:

3 unsatisfied TR comments relate to the cable assemble RLcc maximum limit

5 unsatisfied TR comments relate to the cable assembly COM parameters

3 unsatisfied TR comments relates to CR budget, requesting an asymmetric approach

2 unsatisfied TR comments relate to CR output jitter

11 unsatisfied TR comments relate to the C2M eye opening measurement method; parameters & eye mask

7 unsatisfied TR comments relate to C2M electrical characteristics (eye height and stressed input test setup)

1 unsatisfied TR comment relates to precoding in C2M

1 unsatisfied ER comment requests the combining of 2 plots

The two graphs represent requirements for different components (hence separate graphs on separate pages), which happen in this case to have identical responses.

Note: Clause 12 'Procedure for conditional approval to forward a draft standard' of IEEE 802 LMSC Operations Manual includes the text 'Where a voter has accepted some comment resolutions and rejected others, only the comments of which the voter has not accepted resolution should be presented.'

Future schedule to Standards Association Ballot

Recirculation ballot and resolution meeting schedule

IEEE P802.3ck 3 rd WG recirculation ballot comment resolution	17-24 Nov, 2021
SA ballot group formation closes	26 Nov, 2021
Request conditional approval at EC monthly call	7 Dec, 2021
Initiate Standards Association ballot day one	8 Dec, 2021

4 th Working Group recirculation ballot day one	29 Nov, 2021
4 th Working Group recirculation ballot close	13 Dec, 2021
IEEE P802.3ck comment resolution meeting	15 Dec, 2021
Initiate Standards Association ballot day one	17 Dec, 2021

Note: 4th Working Group recirculation ballot only if required

Changes to draft prior to Standards Association Ballot

Changes to draft prior to Standards Association Ballot

- Change the draft number to 3.0

- Change the front matter to reference that the draft is for Standards Association ballot

- [TBD]

Working Group Motion

Request conditional approval to progress the IEEE P802.3 (IEEE 802.3ck) draft to SA ballot once the Working Group ballot process has been successfully completed.

M: B. Kochuparambil on behalf of the Task Force
Technical (> 75%)

Task Force Motion #2

- Move to request conditional approval to progress the IEEE P802.3 (IEEE 802.3ck) draft to SA ballot once the Working Group ballot process has been successfully completed.

- M: Adeel Ran
- S: Liav BenArtsi

Technical (>=75%)

Passed by unanimous consent. Piers Dawe requested to abstain from this motion.

Working Group Motion

Approve the liaisons from IEEE 802.3 to COBO, Gen-Z Consortium, INCITS T11.2, and OIF:

IEEE_802d3_to_OIF_CEI_1121_draft1.pdf

IEEE_802d3_to_T11-2_1121_draft1.pdf

IEEE_802d3_to_COBO_1121_draft1.pdf

with editorial license granted to the chair or his appointed agent.

M: Beth Kochuparambil

S: Kent Lusted

Technical ($\geq 75\%$)

Questions?

Thank you!