

IEEE P802.3cm 400 Gb/s over MMF Task Force Closing Report

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OFS

Waikoloa, HI, USA
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IEEE P802.3cm 400G over MMF Task Force Information

Task Force Organization

Robert Lingle Jr, IEEE P802.3cm Task Force Chair

Mabud Choudhury, IEEE P802.3cm Task Force Secretary

Jonathan Ingham, IEEE P802.3cm Task Force Chief Editor

Task force web and reflector information

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

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

PAR: http://www.ieee802.org/3/cm/P802_3cm_PAR_140518.pdf

CSD: <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0078-00-ACSD-802-3cm.pdf>

Objectives: http://www.ieee802.org/3/cm/Adopted_Objectives_NGMMF_01_08mar18.pdf

Adopted timeline: http://www.ieee802.org/3/cm/Adopted_Objectives_NGMMF_01_08mar18.pdf

Private area: <http://www.ieee802.org/3/cm/private/index.html> Current Draft: D3.1

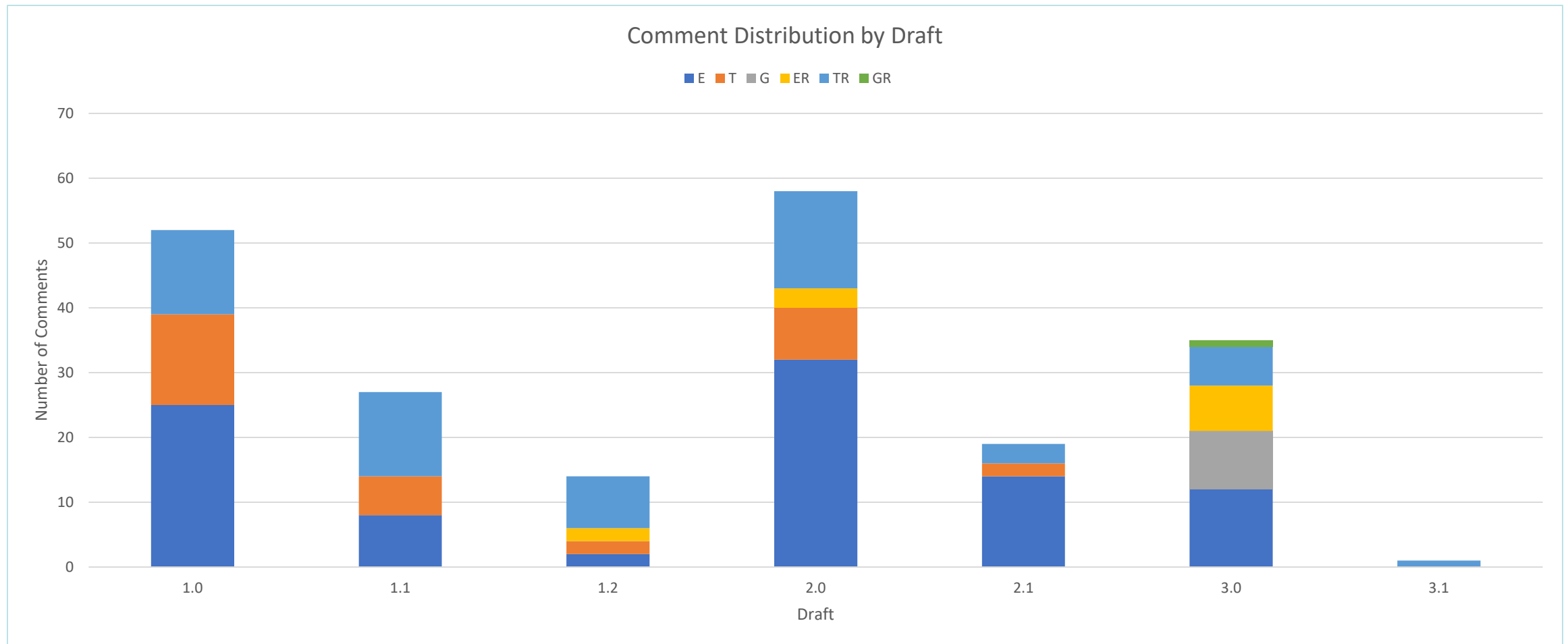
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Summary of Standards Association Ballot Results on IEEE P802.3cm drafts

	Initial Draft D3.0			1 st Recirculation Draft D3.1			Req %
	#	%	Status	#	%	Status	
Abstain	3	3	PASS	3	3	PASS	< 30
Dis with comment	3	-	-	2	-	-	-
Dis w/o comment	0	-	-	0	-	-	-
Approve	88	96	PASS	91	97	PASS	≥ 75
Ballots returned	94	91	PASS	96	93	PASS	≥ 75
Voters	103	-	-	103	-	-	-
Comments	35	-	-	1	-	-	-
Public comments	0	-	-				

There were no new negative votes in 1st recirculation, on D3.1

History of comments against drafts of IEEE P802.3cm



The single comment against D3.1 was a restatement of a comment on D3.0

Activities this week

Met Wednesday afternoon 1:07 pm - 2:52 pm this week

- 17 on attendance sheet
- Major items discussed, decisions made and actions
 - Comment resolution against D3.1
 - 4 motions
- Current status
 - Closed 1 comment (TR) against D3.1; no changes made to D3.1
 - Final response: http://www.ieee802.org/3/cm/comments/P802p3cm_D3p1_comments_final_by_ID.pdf
 - Unsatisfied negative comments: http://www.ieee802.org/3/cm/comments/P802d3cm_D3p1_to_D3p0_unsatisfied_by_ID.pdf
 - Re-affirmed the CSD responses in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0078-00-ACSD-802-3cm.pdf> and requested approval to submit IEEE P802.3cm Draft 3.1 to RevCom with vote of: 14 Yes / 0 No / 1 Abstain

Summary of unsatisfied comments against D3.0 & D3.1

- 5 unsatisfied TR comments and 1 unsatisfied GR comment from 2 commenters
 - http://www.ieee802.org/3/cm/comments/P802d3cm_D3p1_to_D3p0_unsatisfied_by_ID.pdf
- Of the above, 4 unsatisfied TR comments are associated with the two optical PMD clauses:
 - Clause 138: Single-wavelength PAM4-based MMF PMDs (50GBASE-SR, 100GBASE-SR2, 200GBASE-SR4 and 400GBASE-SR8)
 - Clause 150: Two-wavelength PAM4-based MMF PMD (400GBASE-SR4.2)
 - These 4 unsatisfied TR comments relate to the optical TDECQ (Transmitter and Dispersion Eye Closure - quaternary) measurement methodology and associated link budget
- The TDECQ methodology specified in P802.3cm D3.1 is consistent with that in IEEE Std 802.3cd-2018, in particular Clause 138
 - The unsatisfied TR comment on D3.1 is a restatement of an unsatisfied TR comment on D3.0
- The remaining 1 unsatisfied TR comment and 1 unsatisfied GR comment relate to “Clause 9”, which does not exist in the draft.

Motion

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0078-00-ACSD-802-3cm.pdf> and request approval to submit the IEEE P802.3cm draft to RevCom.

Moved by: Mabud Choudhury 2nd: Jonathan Ingham

Technical : $\geq 75\%$

Results: Yes: 93 No: 0 Abstain: 2

Questions?

Thank you!