

IEEE P802.3db 100 Gb/s, 200 Gb/s, and 400 Gb/s Short Reach Fiber TF Report

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Plenary Teleconference
March 10, 2022

IEEE P802.3db Short Reach Fiber Project information

Task Force Organization

Robert Lingle, Jr., Task Force Chair

Mabud Choudhury, Task Force Vice-Chair & Recording Secretary

Earl Parsons, Editor

Ramana Murty, Editor

Task force web and reflector information

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

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

PAR: http://ieee802.org/3/db/P802d3db_PAR.pdf

CSD: <https://mentor.ieee.org/802-ec/dcn/20/ec-20-0097-01-ACSD-p802-3db.pdf>

Objectives: https://www.ieee802.org/3/db/P802d3db_Updated_Objectives_Approved_November_2020.pdf

IEEE P802.3db Short Reach Fiber Activities since November 2021 plenary

- Held November 18, 23, 2021 Interim Series, January 11, 13, 17, 19, 2022 Interim Series, and February 24, 2022 Interim
- Completed WG Ballots:
 - Completed CR on D2.0. Generated D2.1 & completed CR on D2.1. Generated D2.2 and completed CR on D2.2
- Adopted updated timeline (September 2022 project completion)
- Approved for IEEE SA ballot/D3.0
 - Granted conditional approval from 802.3 WG to progress to SA ballot out of January WG Interim
 - Formed the SA Ballot Pool
 - Successfully complete the Mandatory Editorial Coordination for SA Ballot
 - Generated D3.0 & submitted to IEEE-SA
 - IEEE-SA opened SA ballot on 2nd March 2022, with a ballot close date of Friday 1st April 2022, 23:59 AOE.

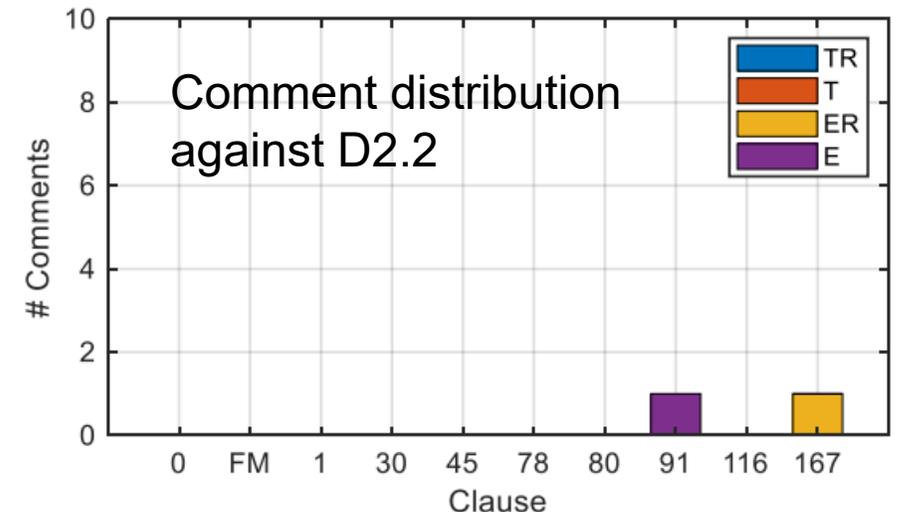
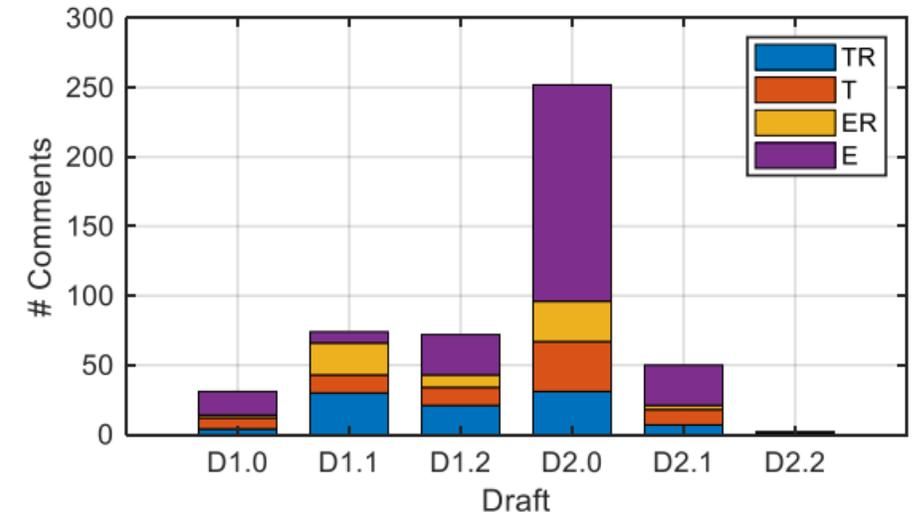
The number of Comments against D2.1 and D2.2 dropped as hoped, allowing successful initiation of SA Ballot

Two comments against D2.2:

- 1 comment resolved
- 1 withdrawn, for resubmission against D3.0. This comment will enforce an item of alignment with IEEE P802.3dc
- No technical comments/changes

Exited WG Ballot with

- 153 Approve. 97% Approval Rate ($\geq 75\%$ required)
- 18 Abstain. 10% Abstain Rate ($< 30\%$ required)
- 176 Ballots returned. 78% Response Rate ($> 50\%$ required)



WG Ballot Statistics

	Initial Draft D2.0			1st Recirculation Draft D2.1			2nd Recirculation Draft D2.2			Req %
	#	%	Status	#	%	Status	#	%	Status	
Abstain	19	12	PASS	17	9.9	PASS	18	10.2	PASS	<30
Dis with comment	18	-	-	13	-	-	4	-	-	
Dis w/o comment	0	-	-	0	-	-	1	-	-	
Approve	122	87.1	PASS	141	91.6	PASS	153	97.5	PASS	≥75
Ballots returned	159	70.7	PASS	171	76	PASS	176	78.2	PASS	>50
Voters	225	-	-	225	-	-	225	-	-	
Comments	250	-	-	50	-	-	2	-	-	

IEEE P802.3db Short Reach Fiber Meeting week plan

TF Plenary telecon scheduled for 3/15

- Webex Info <https://www.ieee802.org/3/calendar.html> . Registration required.
- There is no required business, as we are currently balloting D3.0
- This meeting gives an opportunity for TF participants to build consensus on comments to be made vs D3.0

Goals for the Plenary meeting

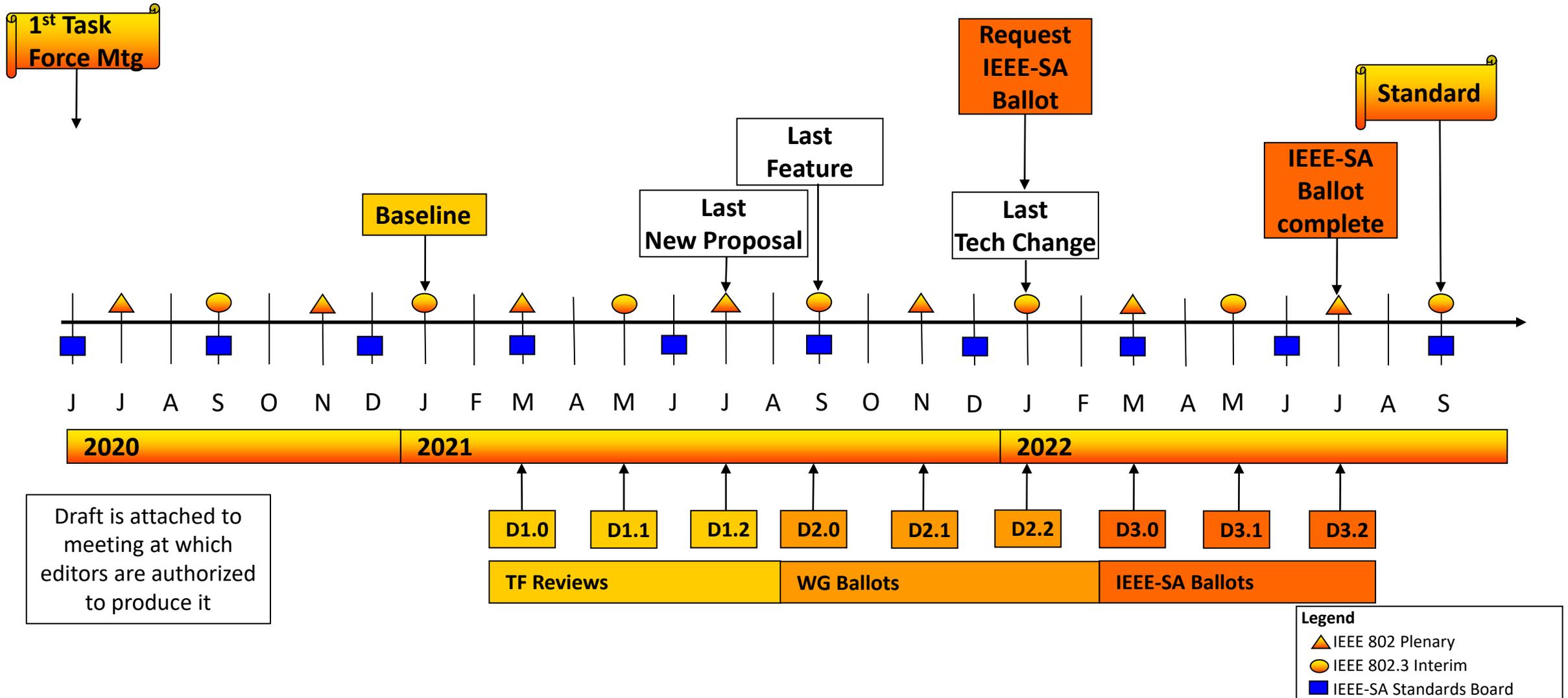
- Begin consensus-building on comments that may be made against D3.0

Big ticket items

- Several unresolved comments from WG Ballot may be made against D3.0
- Some TF members have expressed interest in extending the MDI to non-angled MPO connectors

IEEE P802.3db Task Force Timeline

Updated & Adopted by TF November 2021



Questions?

Thank you!