

IEEE P802.3cw Task Force: 400 Gb/s over DWDM Systems

Opening Report

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IEEE 802 Nov 2021 Electronic Plenary

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IEEE P802.3cw Task Force Project information

Task Force Organization

- John D'Ambrosia, Chair, IEEE P802.3cw Task Force
- Editorial Team
 - Tom Issenhuth – Chief Editor, 400 GbE Optical PHY Clause
 - David Lewis - 400 GbE PCS/PMA Clauses
- Task force web and reflector information
 - Reflector: <http://www.ieee802.org/3/ct/reflector.html>
 - Home page: <http://www.ieee802.org/3/cw/index.html>
- Project Documentation –
 - PAR : http://www.ieee802.org/3/cw/proj_doc/P802d3cw_PAR.pdf
 - CSD: <https://mentor.ieee.org/802-ec/dcn/19/ec-19-0219-00-ACSD-p802-3cw.pdf>
 - Objectives: http://www.ieee802.org/3/cw/proj_doc/3cw_Objectives_190911.pdf
 - Timeline: https://www.ieee802.org/3/cw/proj_doc/timeline_3cw_210927.pdf
- Ad Hoc page: <http://www.ieee802.org/3/ct/public/adhoc/index.html>

Activities Since July 2021 Plenary

- Sept 2021 Interim Meeting -
https://www.ieee802.org/3/cw/public/tf_interim/21_0518/index.html.
- Interim Teleconference Meetings
 - Dates: 8/9, 8/23, 8/30, 10/25 (EVM Tutorial)
 - https://www.ieee802.org/3/cw/public/tf_interim/index.html
- EVM Ad hoc Meeting
 - Dates: 7/21, 8/9, 8/23, 8/24, 10/11
 - https://www.ieee802.org/3/cw/public/tf_interim/21_0518/index.html
- Task Force Reviews (Comments Summary – See Page 4)
 - D1.1 Opened: 6/9 Closed: 8/6
 - D1.2 Opened: 9/13 Closed: 10/13
- Timeline Updated (See Page 5)

Comments Summary

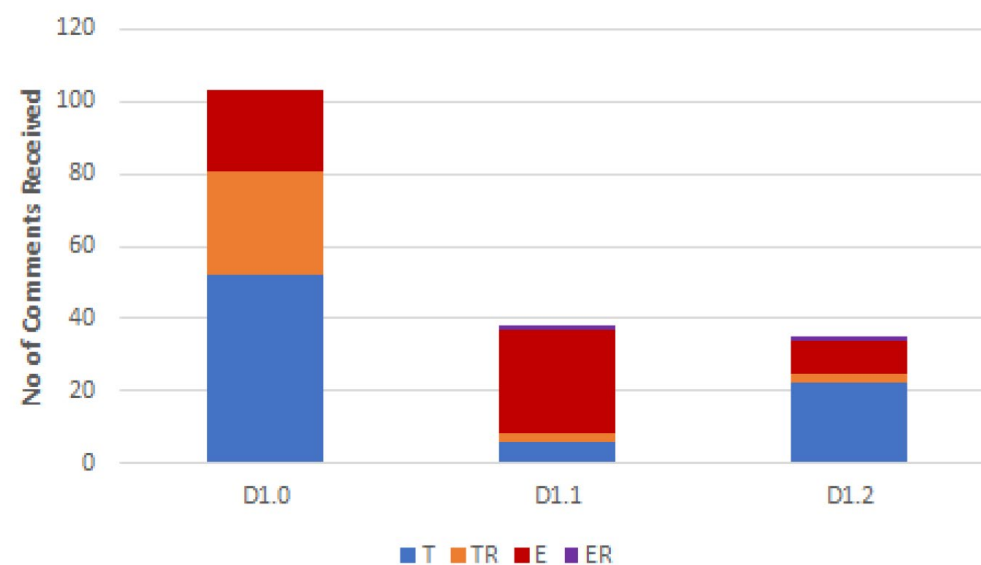
Draft 1.1

Description	Clause	T	TR	E	ER	Total
Front Matter	00		1			1
Introduction	1			2		2
Mgmt	30					0
Mgmt (MDIO)	45					
EEE	78					0
Introduction 20/400	116		1			1
PCS	119					0
400GBASE-ZR PCS/PMA	155	2		20		22
400GBASE-ZR PMD	156	4	2	7		13
400GBASE-ZR Applications	Annex 156A		2		1	3
Total Comments		6	6	29	1	42

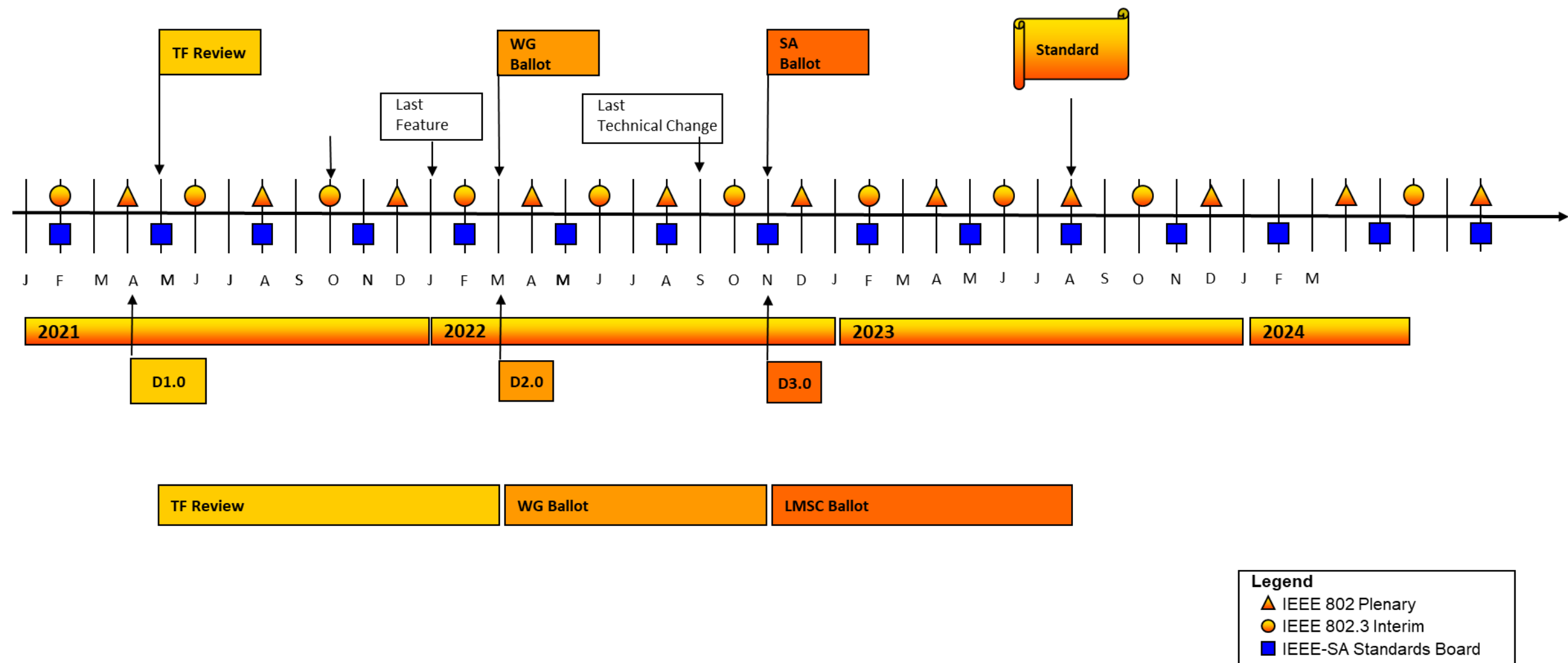
Draft 1.2

Description	Clause	T	TR	E	ER	Total
Front Matter	00					0
Introduction	1					0
Mgmt	30					0
Mgmt (MDIO)	45					
EEE	78					0
Introduction 20/400	116					0
PCS	119					0
400GBASE-ZR PCS/PMA	155	12		5		17
400GBASE-ZR PMD	156	9	3	4	1	17
PMA sublayer partitioning	Annex 120A					0
400GBASE-ZR Applications	Annex 156A	1				1
Total Comments		22	3	9	1	35

Comments vs. Draft



Updated Timeline (Adopted by IEEE P802.3cw TF – 27 Sept 2021)



Activities This Plenary

- Meeting – Mon Nov 15, 10am to 1pm ET (scheduled)
- Goals
 - Consider comments submitted against D1.2
 - Technical Presentation - ROSNR and EVM Correlation Study for 400G ZR Modules
- Liaisons
 - Consider proposed response to liaison to OIF –
 - https://www.ieee802.org/3/minutes/sep21/incoming/OIF_liaison_letter_IEEE_400ZR_IA_Maintenance_30Aug21_Redacted.pdf
 - https://www.ieee802.org/3/minutes/nov21/incoming/OIF_liaison_letter_IEEE_802.3_400ZR_Maint_08Nov21_Redacted.pdf
 - Consider proposed response to liaison to ITU-T =
 - https://www.ieee802.org/3/minutes/sep21/incoming/SG15-LS323_Redacted.pdf
 - https://www.ieee802.org/3/minutes/sep21/incoming/SG15-LS326_Redacted.pdf

Questions?

Thank you!