

IEEE P802.3ct Task Force:
100 Gb/s over DWDM Systems

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

Mid-Session Report

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IEEE P802.3ct Task Force Project information

Task Force Organization

- John D'Ambrosia, Chair, IEEE P802.3ct Task Force
- Editorial Team
 - Tom Issenhuth – Chief Editor
 - Peter Stassar – 100 GbE Optical PHY Clause
 - Steve Trowbridge - 100 GbE PCS/FEC/PMA Extender Clauses
- Task force web and reflector information
 - Reflector: <http://www.ieee802.org/3/ct/reflector.html>
 - Home page: <http://www.ieee802.org/3/ct/index.html>
- Project Documentation –
 - PAR : http://www.ieee802.org/3/ct/ProjDoc/P802.3ct_200215.pdf
 - CSD: <http://www.ieee802.org/3/ct/ProjDoc/ec-18-0249-01-ACSD-p802-3ct.pdf>
 - Objectives: http://www.ieee802.org/3/ct/ProjDoc/3ct_Objectives_190911.pdf
 - Timeline: http://www.ieee802.org/3/ct/ProjDoc/timeline_3ct_200121.pdf
- Ad Hoc page: <http://www.ieee802.org/3/ct/public/adhoc/index.html>

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_200402.pdf
- Ad Hoc page: <http://www.ieee802.org/3/ct/public/adhoc/index.html>

Activities This Week

- IEEE P802.3ct
 - Motion
 - Move that the IEEE 802.3ct Task Force re-affirm the CSD responses in <https://www.ieee802.org/3/ct/ProjDoc/ec-18-0249-01-ACSD-p802-3ct.pdf> and request conditional approval to progress the IEEE P802.3ct draft to RevCom once the IEEE Standards Association ballot process has been successfully completed.
 - Results – Approved by voice vote without objection
 - Generated liaison to ITU-T SG15 / CableLabs *
 - Initiated 2nd Recirculation SA Ballot (D3.2)
- IEEE P802.3cw
 - Generated liaison to OIF *
 - Generated liaison to ITU-T *
- Single motion approved all three liaisons

IEEE 802.3ct 100 Gb/s over DWDM systems Task Force to RevCom (conditional)

IEEE P802.3ct - Ballot results

Date ballot closed:

The 1st Standards Association recirculation ballot on IEEE P802.3ct 100 Gb/s over DWDM systems Task Force draft D3.1 closed on 30th January 2021 at 23:59 AoE

Vote tally

	Initial Draft D3.0			1 st Recirculation Draft D3.1			Req %
	#	%	Status	#	%	Status	
Abstain	3	3	PASS	3	3	PASS	< 30
Dis with comment	7	-	-	1	-	-	-
Dis w/o comment	1	-	-	0	-	-	-
Approve	78	91	PASS	87	98	PASS	≥ 75
Ballots returned	89	86	PASS	91	88	PASS	≥ 75
Voters	103	-	-	103	-	-	-
Comments	91	-	-		-	-	-
Public comments	0	-	-				

IEEE P802.3ct - Unsatisfied comments

9 unsatisfied TR comments from 1 commenter

Summary of Unsatisfied Comments:

- Definitions (Clause 1): definition of 100GBASE-ZR 1
- Clause 153 (logical): sample of the SC-FEC codeword 1
- Clause 154 (optical): PMD global signal detect function 1
- Clause 154 (optical): Maximum chromatic dispersion tolerance 2
- Clause 154 (optical): Stressed receiver sensitivity 1
- Clause 154 (optical): Definition receiver OSNR (tolerance) 2
- Clause 154 (optical): Reference receiver for optical path power penalty 1

For more information: https://www.ieee802.org/3/ct/comments/D3P1/8023ct_D3p1_comments_final_unsatisfied_by_clause.pdf

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.'

IEEE P802.3ct - Future schedule to RevCom submittal

Recirculation ballot and resolution meeting schedule

2 nd Standards Association recirculation ballot day one	10 Mar
2 nd Standards Association recirculation ballot close	25 Mar
IEEE P802.3ct comment resolution meeting	02 Apr
3 rd Standards Association recirculation ballot day one (if necessary)	30 Apr
RevCom submittal deadline	06 May
3 rd Standards Association recirculation ballot close (if necessary)	15 May
IEEE P802.3ct comment resolution meeting (if necessary)	Week of May 24
RevCom teleconference	15 Jun
IEEE-SA Standards Board teleconference meeting	16 Jun

Note: 3rd Standards Association recirculation ballot only if required

WG Motion #1

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in <https://www.ieee802.org/3/ct/ProjDoc/ec-18-0249-01-ACSD-p802-3ct.pdf> and request conditional approval to progress the IEEE P802.3ct draft to RevCom once the IEEE Standards Association ballot process has been successfully completed.

Moved by: John D'Ambrosia

Second: Tom Issenhuth

Technical ($\geq 75\%$)

Results (802.3 Voters) (y/n/a)

Motion:

WG Motion #2

Move that the IEEE 802.3 Working Group approve:

- IEEE_802d3_to_ITU_CAB_3ct_0321_draft.pdf
- IEEE_802d3_to_OIF_3cw_0321_draft.pdf
- IEEE_802d3_to_ITU_3cw_0321_draft.pdf

with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to ITU-T SG15/Cablelabs; OIF; ITU-T SG15.

Moved by: John D'Ambrosia

Second: Tom Issenhuth

Technical ($\geq 75\%$)

Results (802.3 Voters) (y/n/a)

Motion:

Moving Forward

IEEE P802.3ct Task Force Interim Electronic Teleconference(s)

- See schedule - http://www.ieee802.org/3/ct/public/tf_interim/index.html
Contingent Interim Teleconference – 02-Apr-2020, 10:00am to 12:00pm ET
 - This interim and agenda is directed towards considering and resolving comments submitted against the 2nd Standards Association recirculation ballot of IEEE P802.3ct (D3.2).
- ** Note that this interim teleconference is contingent and may be cancelled if no comments are submitted against the D3.2 recirculation that is currently underway

Questions?

Thank you!