

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

Update 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, 400 GbE Optical PHY Clause
 - Eric Maniloff - 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: To Be Adopted
- Ad Hoc page: <http://www.ieee802.org/3/ct/public/adhoc/index.html>

Activities since Nov 2019 Plenary

- PAR Approved – 2/14/20
- Jan 2020 Interim (as P802.3ct Task Force)
 - 3 technical presentations
 - Replaced Grid 100 GHz spacing with 75 GHz spacing
 - Defined 191.375 to 196.1 THz frequency range for the 400 GbE Objective (based on 75 GHz spacing, 64 channels)
 - Adopted EVM measurement methodology defined by Slides 5 -9 of [pittala_3ct_01a_0120.pdf](#) to enable correlation for the definition of a transmitter metric
 - Liaison to ITU-T / OIF
- Interim Teleconference Meetings (http://www.ieee802.org/3/ct/public/tf_interim/index.html) —
 - 12/5, 2/27, 3/12

Interim Teleconference Schedule

Date	Task Force	Meeting Agenda Scope
3/19	P802.3ct *	P802.3ct, consideration of comments submitted against D1.2
3/26	P802.3ct *	P802.3ct, consideration of comments submitted against D1.2
4/2	P802.3cw	P802.3cw, additional time for P802.3ct may be allocated)
4/9	P802.3ct *	P802.3ct, consideration of comments submitted against D1.2
4/16	P802.3ct *	P802.3ct, consideration of comments submitted against D1.2
4/23	P802.3cw	P802.3cw Baseline Proposals
4/30	No Task Force Meeting	
5/7	P802.3cw	P802.3cw Baseline Proposals
5/14	P802.3cw	P802.3cw Baseline Proposals

- Chief editor will announce comments to be addressed at specific meetings.
- Task Force Goal – resolve all TBDs and submit for consideration for WG Ballot @ May Interim

Questions?

Thank you!