

IEEE P802.3cn Task Force: 50 Gb/s, 200 Gb/s, and 400 Gb/s over Single-Mode Fiber

Opening Report

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IEEE P802.3cn Task Force Project information

Task Force Organization

John D'Ambrosia, Chair, IEEE P802.3cn Task Force
Editorial Team

- Pete Anslow – Chief Editor
- Peter Stassar – 40km Optical PHY Clauses

Task force web and reflector information

- Reflector: <http://www.ieee802.org/3/cn/reflector.html>
- Home page: <http://www.ieee802.org/3/cn/index.html>

Project Documentation –

- PAR : <https://development.standards.ieee.org/get-file/P802.3cn.pdf?t=99813600003>
- CSD: <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0248-00-ACSD-p802-3cn.pdf>
- Objectives: http://www.ieee802.org/3/cn/proj_doc/3cn_Objectives_190212.pdf
- Timeline http://www.ieee802.org/3/cn/proj_doc/timeline_3cn_190119.pdf

Ad Hoc page <http://www.ieee802.org/3/cn/public/adhoc/index.html>

Private Area <http://www.ieee802.org/3/cn/private/index.html>

Activities since Nov 2018 Plenary

- Jan 2019 Interim (Thanks to HPE)
 - 86 attendees
 - P802.3cn related
 - 3 technical presentations
 - Adopted timeline Results (y/n/a) – 37/0/2
 - Adopted generation of D1.0 and start of Task Force Review Results (y/n/a) – 38/0/2
 - Approved pre-submission of D1.0, pending results of Task Force Review, for consideration for advancement to WG Ballot Results (y/n/a) - 43/0/13
 - P802.3ct related
 - 8 technical presentations
 - Baseline (lyubomirsky_3cn_01b_0119) for 400GBASE-ZR PCS/PMA adopted Results (y/n/a) - 43/0/13
 - DP-DQPSK modulation for 100GbE 80km adopted Results (y/n/a) – 46/0/10
 - Baseline (trowbridge_3cn_01a_0119) for 100GbE 80km adopted Results (y/n/a) – 44/0/10
 - Adopted Timeline Results (y/n/a) – 18/2/3
 - Responses to liaisons
 - ITU – Work on G.709.3 and G.698.2
 - OIF – 400ZR
- Task Force Review
 - Opened – 1/18/19 Closed 1/16/19
 - Comments Received – 3 editorial – 1 commenter
- Pre-submission by WG Chair 2/18
- Ad Hoc Teleconferences
 - [07-Feb-2019](#) – addressed P802.3ct topics prior to PAR approval (test metrics/methods coherent Tx, Update on 100G Extender)
- IEEE-SA Std Board Modified PAR Approval – 2/11

Task Force Meeting Week Plan

- Joint Meeting with P802.3ct Task Force
 - Consider comments submitted against D1.0
- P802.3cn Task Force Meeting – Tues 1pm to 2pm
 - Motions & Closing Business
 - Approve Generation of D2.0
 - Request to 802.3 to proceed to WG Ballot

Questions?

Thank you!