

# IEEE P802.3ct Task Force: 100 Gb/s and 400 Gb/s over DWDM Systems

## Opening Report

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# IEEE P802.3ct Task Force Project information

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## Task Force Organization

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

### Editorial Team

- TBD – Chief Editor
- Pete Anslow – Supporting Clauses
- Peter Stassar – 100 GbE Optical PHY Clause
- Steve Trowbridge - 100 GbE PCS/FEC/PMA Extender Clauses
- Tom Issenhuth - 400 GbE Optical PHY Clause
- John DeAndrea - 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/ct/index.html>

## Project Documentation –

- PAR : [http://www.ieee802.org/3/ct/P802\\_3ct\\_PAR.pdf](http://www.ieee802.org/3/ct/P802_3ct_PAR.pdf)
- CSD: <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0249-00-ACSD-p802-3ct.pdf>
- Objectives: [http://www.ieee802.org/3/ct/3ct\\_Objectives\\_190212.pdf](http://www.ieee802.org/3/ct/3ct_Objectives_190212.pdf)
- Timeline: [http://www.ieee802.org/3/ct/timeline\\_3ct\\_190119.pdf](http://www.ieee802.org/3/ct/timeline_3ct_190119.pdf)

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

# Activities since Nov 2018 Plenary

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- Jan 2019 Interim (Thanks to HPE)
  - 86 attendees
  - P802.3ct related during P802.3cn TF Meeting
    - 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
- Ad Hoc Teleconferences
  - [07-Feb-2019](#) – addressed (3cn) - P802.3ct topics prior to PAR approval (test metrics/methods coherent Tx, Update on 100G Extender)
  - [14-Feb-2019](#) - Inverse RS-FEC Baseline Proposal
  - [21-Feb-2019](#) - Review of Industry Standards WDM channel maps and recommendation to IEEE, 400GBASE-ZR Optical Specs
- IEEE-SA Std Board PAR Approval – 2/12

# Task Force Meeting Week Plan

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- Joint Meeting with P802.3cn Task Force
  - Hear 7 (.3ct) technical presentations / baseline proposals
- P802.3ct Task Force Meeting – Tues 2pm to 6pm
  - Additional time for presentations / strawpolls
  - Motions & Closing Business

# Questions?

# Thank you!