

IEEE P802.3cn Task Force: 50 Gb/s, 100 Gb/s, 200 Gb/s, and 400 Gb/s over Single-Mode Fiber and DWDM

Opening Report

John D'Ambrosia
Futurewei, Subsidiary of Huawei
Bangkok, Thailand
November 12, 2018

IEEE P802.3cn Task Force Project information

Task Force Organization

John D'Ambrosia, Chair, IEEE P802.3cn Task Force
Editorial Team (So far...)

- Pete Anslow – 40Km Objectives Supporting Clauses
- 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 – none approved by 802.3 WG

- PAR : http://www.ieee802.org/3/cn/P802.3cn_PAR.pdf
- CSD: <https://mentor.ieee.org/802-ec/dcn/18/ec-18-0166-00-ACSD-802-3cn.pdf>
- Objectives: http://www.ieee802.org/3/B10K/project_docs/Objectives_180712.pdf
- Timeline None Adopted

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

Private Area None Yet

Activities since July 2018 Plenary

- Sept 2018 Interim (Thanks to Dell)
 - Discussion of future IEEE P802.3cn project
 - Several technical presentations / further consensus building
 - Two liaison responses (ITU-T SG15, and OIF)
- Ad Hoc Teleconferences
 - [01-Nov-2018](#), Task Force Ad Hoc (Splitting PAR Discussion)
 - [25-Oct-2018](#), Task Force Ad Hoc (Compliance Metrics)
 - [23-Oct-2018](#), Task Force Ad Hoc (100 GbE Architecture)

Task Force Meeting Week Plan

- 10 Presentations
- Baseline Proposal Selection
- Consider Splitting IEEE P802.3cn PAR
 - PAR 1 – targeting 40km related objectives
 - PAR 2 – targeting 80km related objectives
- Consider Liaisons from COBO and ITU-T SG15

Questions?

Thank you!