

IEEE 802.3ca 100G-EPON Task Force Opening Report

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IEEE 802.3ca 100G-EPON Task Force Project Information

Task Force Organization:

Chair: Curtis Knittle, CableLabs

Vice Chair: Glen Kramer, Broadcom

Chief Editor: Marek Hajduczenia, Charter

Task Force web and reflector information

Reflector information: http://www.ieee802.org/3/ca/3ca_reflector.shtml

Home page: <http://www.ieee802.org/3/ca/index.shtml>

PAR: http://www.ieee802.org/3/ca/documents/P802_3ca_par_approved.pdf

CSD: <https://mentor.ieee.org/802-ec/dcn/15/ec-15-0100-00-ACSD-802-3ca.pdf>

Objectives: http://www.ieee802.org/3/ca/documents/P802_3ca_objectives.pdf

IEEE 802.3ca 100G-EPON Task Force Activities Since March 2017 Plenary

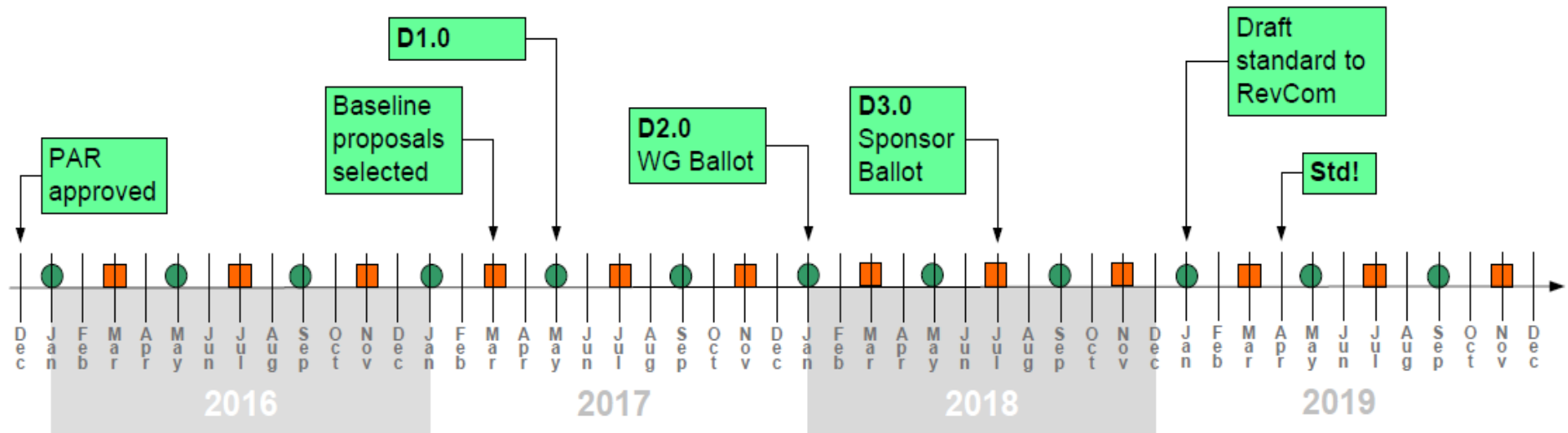
One face-to-face meeting during the May 2017 interim meeting series, plus two (2) “work item socialization” teleconferences

Major items discussed, decisions made and actions:

- Additional wavelength plan options
- Power budgets, tilted power budgets
- Forward Error Correction (FEC)
- Coexistence: WDM or TDM
- Challenges with supporting 25G/10G (.3ca versus .3av)

IEEE 802.3ca 100G-EPON Task Force Adopted Timeline

IEEE P802.3ca Timeline



- - 802.3 Interim Meeting
- - 802.3 Plenary Meeting

IEEE 802.3ca 100G-EPON Task Force Meeting Week Plan

Meeting times (subject to change based on contributions/discussion):

- Tuesday: 9:00 am – 6:00 pm
- Wednesday: 9:00 am – 6:00 pm
- Thursday: 9:00 am – 12:00 pm

Goals for the meeting

- Review 22 contributions
- Continue toward selecting baseline proposals

Big ticket items for this meeting

- Wavelength plan
- FEC
- TDM versus WDM Coexistence w/ 10G-EPON
- Discussion on increasing bit rate per wavelength

Questions?

Thank you!