

IEEE 802.3ca 100G-EPON Task Force Opening Report

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Vancouver, BC

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IEEE 802.3 NG-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 July 2016 plenary

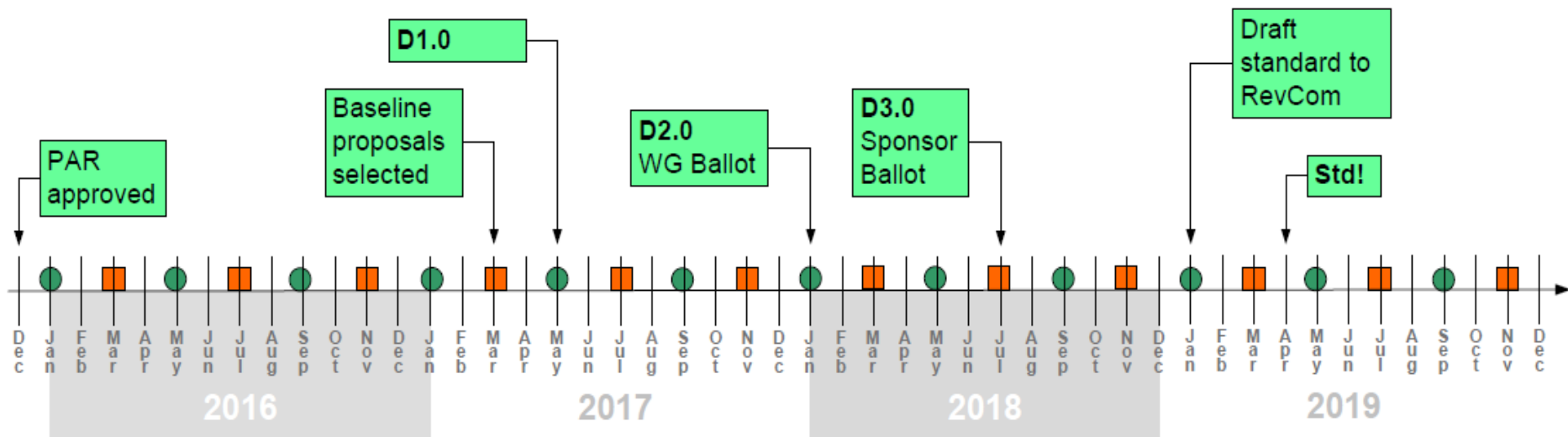
Met during the January 2017 interim meeting series, plus two (2) “work item socialization” teleconferences

Major items discussed, decisions made and actions:

- State diagrams for Multipoint Reconciliation Sublayer (MPRS)
 - Used for both upstream and downstream
- Baseline text for PMD/PCS clauses
- Narrowed wavelength choices to O-band for both directions
 - *We're this close* to having a complete wavelength plan
- Coexistence: WDM or TDM?

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:

- Tuesday: 8:30 am – 6:00 pm
- Wednesday: 9:00 am – 6:00 pm
- Thursday: 9:00 am – 12:00 pm

Goals for the meeting

- Review 31 contributions
- Continue toward selecting baseline proposals

Big ticket items

- Wavelength plan
- PMD
- FEC
- TDM versus WDM Coexistence w/ 10G-EPON

Questions?

Thank you!