

IEEE 802.3ca 100G-EPON Task Force Closing Report

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IEEE 802.3 100G-EPON Task Force Project Information

Task Force Organization:

Chair: Curtis Knittle, CableLabs

Vice Chair: Glen Kramer, Broadcom

Chief Editor: Marek Hajduczenia, Bright House Networks

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

Activities This Week

29 people met for two days, covering 21 presentations

Major items discussed:

-- Architecture, channel bonding, PMD, wavelength plans, tunable versus non-tunable

Passed four (4) technical motions, held eight (8) straw polls

Technical focus areas:

MPCP: Glen Kramer

RS Layer: Duane Remein

PCS Layer: Marek Hajduczenia

PMD Layer: Frank Effenberger

Intend to charter an ad hoc to identify decisions, dependencies, coordinate contributions, and move the Task Force forward in a programmatic manner

Jorge Salinger, Comcast, will Chair this ad hoc

Technical Motions

All 25G ONUs and 25G OLTs shall use the same wavelength pair.

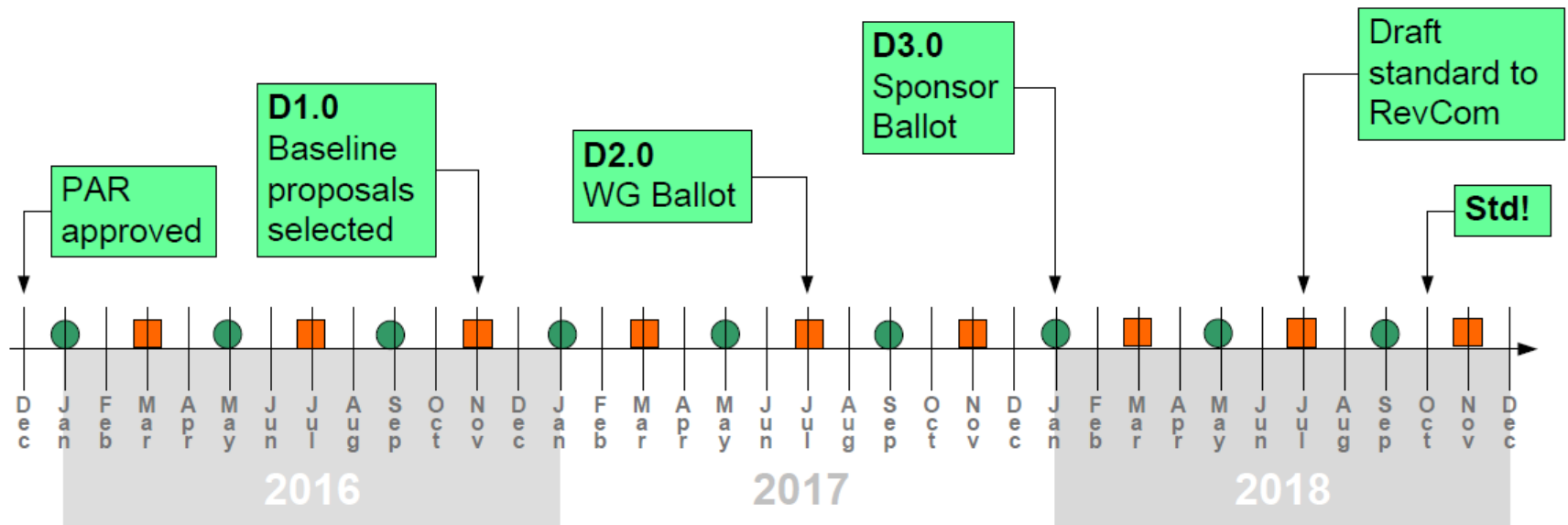
All 50G ONUs and 50G OLTs shall use the same two wavelength pairs.

All 100G ONUs and 100G OLTs shall use the same four wavelength pairs, two of which are the same wavelength pairs as used by 50G ONUs and 50G OLTs.

Move to adopt the proposal for downstream channel bonding presented in [kramer_3ca_2a_0316.pdf](#) as baseline.

IEEE 802.3ca 100G-EPON Task Force Adopted Timeline

IEEE P802.3ca Timeline



- - 802.3 Interim Meeting
- - 802.3 Plenary Meeting

Questions?

Thank you!