

IEEE P802.3dk
Greater than 50 Gb/s Bidirectional Optical Access PHYs
Opening Report

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IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs

Project information

Task Force Organization

Yuanqiu Luo, IEEE P802.3dk Task Force Chair

Frank Effenberger, IEEE P802.3dk Task Force Secretary

Task force web and reflector information

Reflector information: <http://www.ieee802.org/3/dk/reflector.html>

Home page: <http://ieee802.org/3/dk/index.html>

PAR: https://www.ieee802.org/3/dk/P802d3dk_PAR.pdf

CSD: <https://mentor.ieee.org/802-ec/dcn/22/ec-22-0268-00-ACSD-ieee-p802-3dk.pdf>

Objectives: https://www.ieee802.org/3/dk/P802.3dk_OBJ.pdf

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IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs Activities since November 2022 plenary

Met during the January 2023 interim meeting series

Major items discussed

- PMD TDECQ data from .3cu

- Wavelength plan options

- Speed options per wavelength

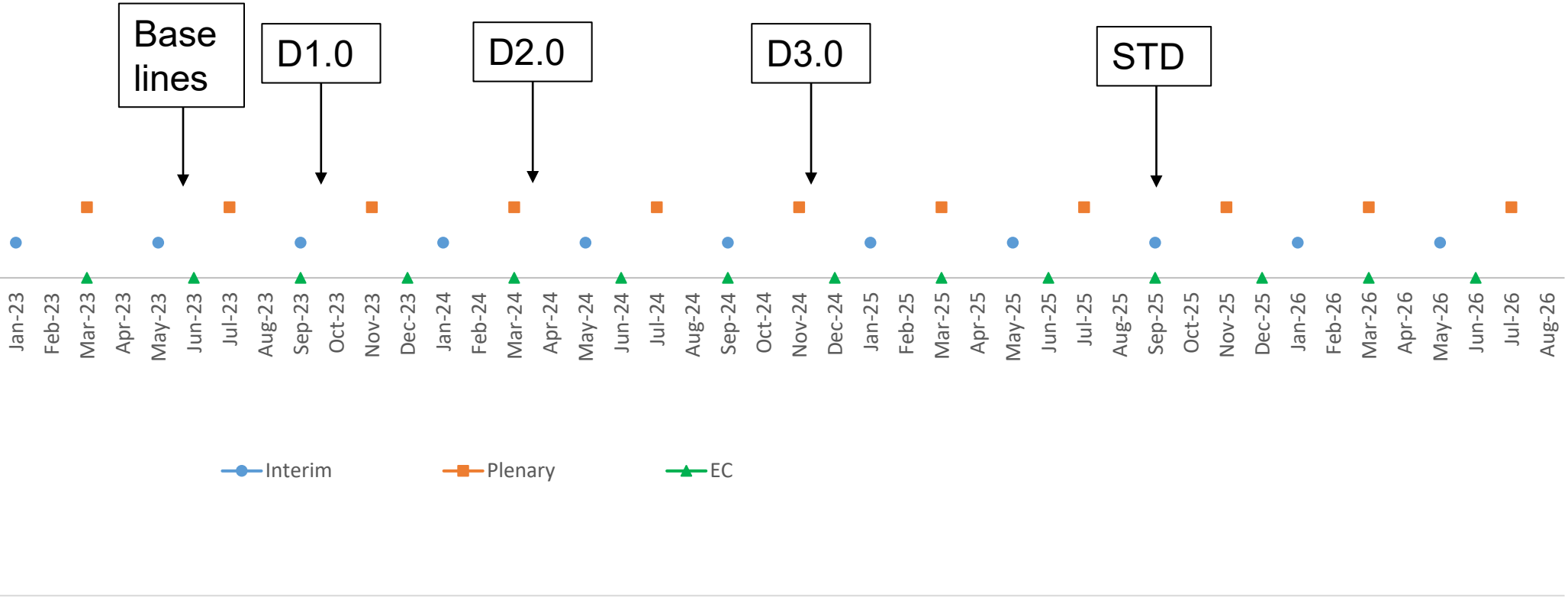
A conference call was held on February 14th

Major items discussed

- 40km solutions for BiDi objectives

- 100G BiDi proposals for 10km and 20km

IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs Adopted timeline



IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs Plans

Goals for the plenary session meeting(s)

- Consider presentations

- Discuss baseline proposals

Big ticket items

- Wavelength plans

- Baseline proposals for power budgets

Questions?

Thank you!