

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

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July 2023

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 March 2023 plenary

A conference call was held on April 4th

Major items discussed

- 100G BiDi wavelength options

- Proposals on 10km and 20km loss budgets

Met during the May 2023 interim meeting series

Major items discussed

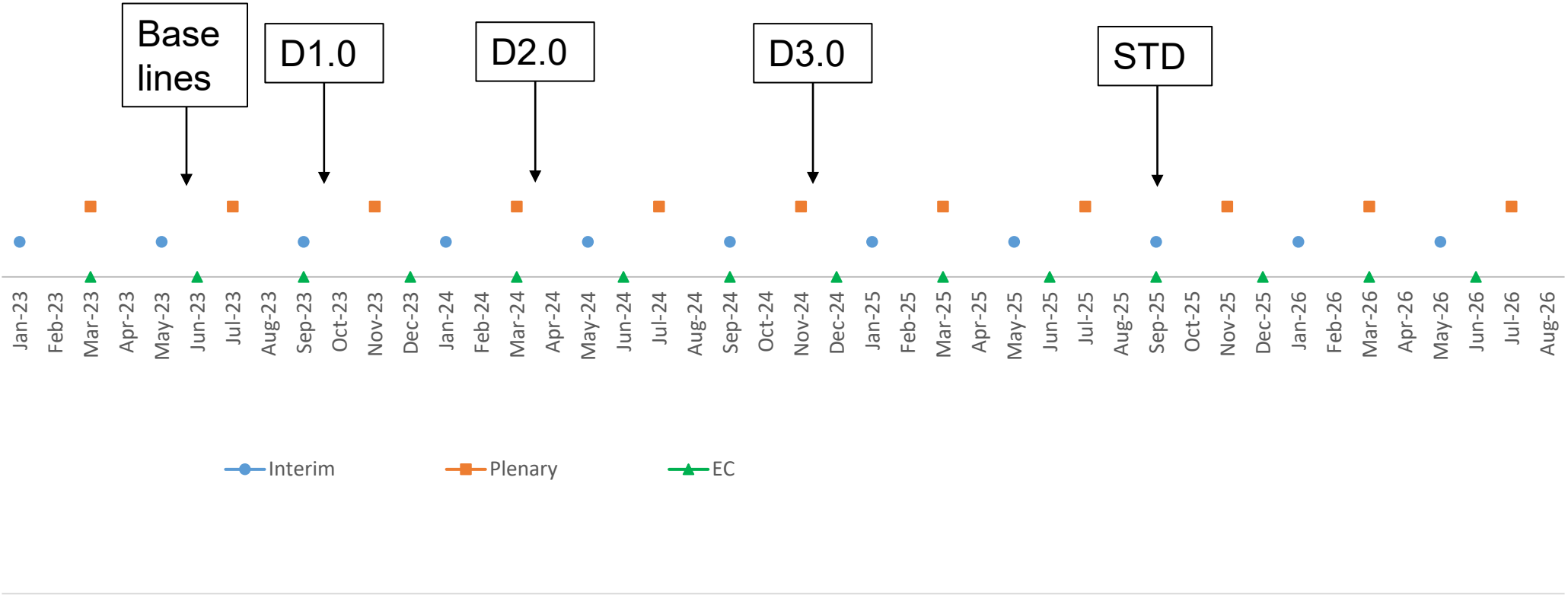
- Wavelength plan options

- Multi-path interference

- 40km BiDi options

- A motion passed on wavelength plan of 100G 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

- Continue selecting baseline proposals

Big ticket items

- Baseline proposals for power budgets

Questions?

Thank you!