

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

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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

Private area: <https://www.ieee802.org/3/dk/private/index.html>

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IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs Activities since July 2023 plenary

A conference call was held on August 8th

Major items discussed

- 100GBASE-BR10 and BR20 specifications

- Clause 157 extension to cover 100G and 200G BiDi introduction

Met during the September 2023 interim meeting series

Major items discussed

- CD tolerance analysis for 100G 40km BiDi

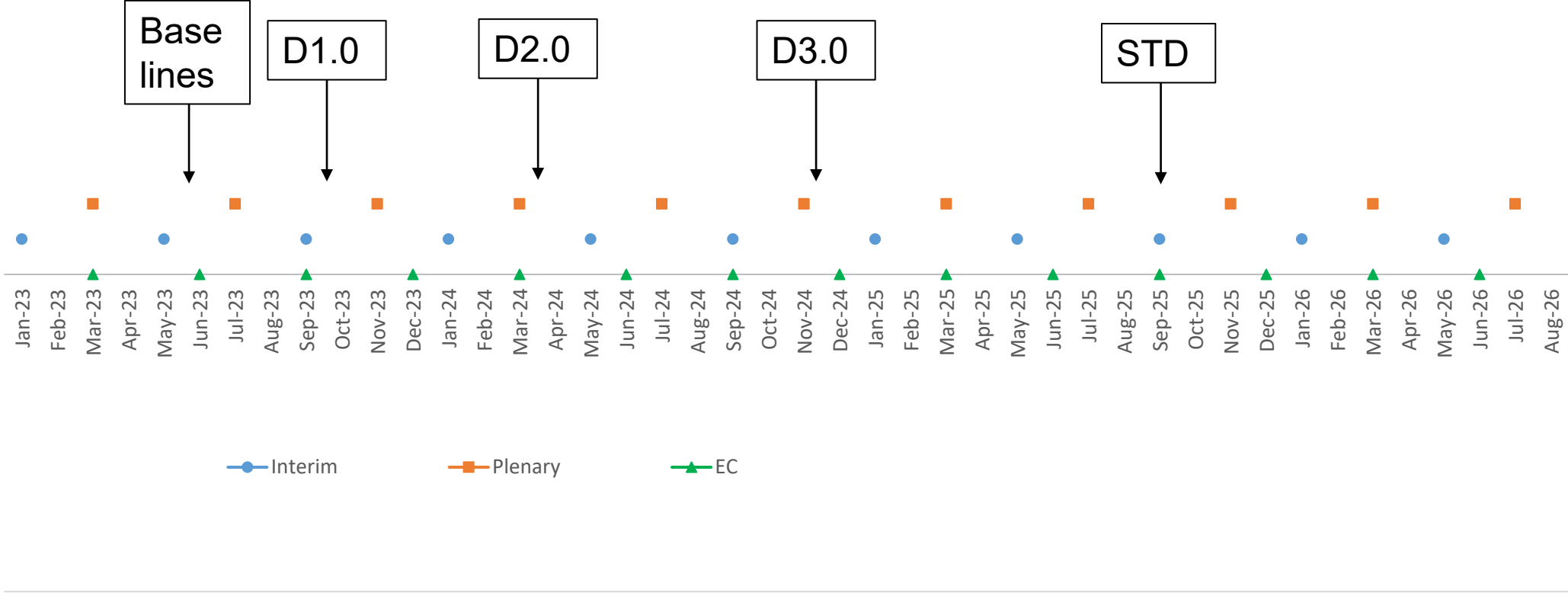
- Baseline proposals on 100G BiDi 10km, 20km, and 40km

- A motion passed on channel insertion loss range for 100GBASE-BR10: 0 to 6.3 dB

- A motion passed on channel insertion loss range for 100GBASE-BR40: 10 to 18 dB

- A motion passed on 100GBASE-BR10 specifications

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)

- Review Draft 0.1

- Consider presentations

- Continue selecting baseline proposals

Big ticket items

- Baseline proposals for 100GBASE-BR20, 100GBASE-BR40, and 200GBASE-BRx

Questions?

Thank you!