

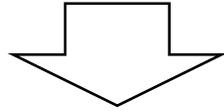
Consideration of the construction of 802.3dk draft

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July 2023 IEEE 802 Plenary Session

The content of 802.3cp for 10/25/50G BiDi PHYs

- 157. Introduction to 10 Gb/s, 25 Gb/s, and 50 Gb/s BiDi PHYs
- 158. Physical Medium Dependent (PMD) sublayer and medium, types 10GBASE-BR10,10GBASE-BR20,and 10GBASE-BR40
- 159. Physical Medium Dependent (PMD) sublayer and medium, types 25GBASE-BR10,25GBASE-BR20,and 25GBASE-BR40
- 160. Physical Medium Dependent (PMD) sublayer and medium, types 50GBASE-BR10,50GBASE-BR20,and 50GBASE-BR40



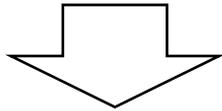
Our proposal to add 3 new clauses for the 100/200G BiDi PHYs

- **New clause A.** Introduction to 100 Gb/s, and 200 Gb/s BiDi PHYs
- **New clause B.** Physical Medium Dependent (PMD) sublayer and medium, types 100GBASE-BR10,100GBASE-BR20,and 100GBASE-BR40
- **New clause C.** Physical Medium Dependent (PMD) sublayer and medium, types 200GBASE-BR10,200GBASE-BR20,and 200GBASE-BR40

The structure of clause 157 in 802.3cp

157. Introduction to 10Gb/s, 25Gb/s, 50Gb/s BiDi PHYs

- 157.1 Overview
- 157.2 Summary of Multi-Gigabit Ethernet BiDi sublayers
- 157.3 Service interface specification method and notation
- 157.4 Delay constraints
- 157.5 ONU silent start
- 157.6 Protocol implementation conformance statement (PICS) proforma



The proposed outline of new clause for introduction

New clause A. Introduction to 100Gb/s, 200Gb/s BiDi PHYs

- A.1 Overview
- A.2 Summary of Multi-Gigabit Ethernet BiDi sublayers
- A.3 Service interface specification method and notation
- A.4 Delay constraints
- A.5 ONU silent start
- A.6 Protocol implementation conformance statement (PICS) proforma

The structure of clause 160 in 802.3cp

160. Physical Medium Dependent (PMD) sublayer and medium, types 50GBASE-BR10,50GBASE-BR20, and 50GBASE-BR40

- 160.1 Overview
- 160.2 Physical Medium Dependent (PMD) service interface
- 160.3 Delay and Skew
- 160.4 PMD MDIO function mapping
- 160.5 PMD functional specifications
- 160.6 PMD to MDI optical specifications for 50GBASE-BRx
- 160.7 Definition of optical parameters and measurement methods
- 160.8 Safety, installation, environment, and labeling
- 160.9 Fiber optic cabling model
- 160.10 Characteristics of the fiber optic cabling(channel)
- 160.11 Requirements for interoperation between 50GBASE-BRx PMDS
- 160.12 Protocol implementation conformance statement (PICS) proforma for Clause 160, Physical Medium Dependent (PMD) sublayer and medium, types 50GBASE-BR10,50GBASE-BR20, and 50GBASE-BR40

The proposed outline of new clause for 100G BiDi

New clause B. Physical Medium Dependent (PMD) sublayer and medium, types **100GBASE-BR10,100GBASE-BR20, and 100GBASE-BR40**

- B.1 Overview
- B.2 Physical Medium Dependent (PMD) service interface
- B.3 Delay and Skew
- B.4 PMD MDIO function mapping
- B.5 PMD functional specifications
- B.6 PMD to MDI optical specifications for **100GBASE-BRx**
- B.7 Definition of optical parameters and measurement methods
- B.8 Safety, installation, environment, and labeling
- B.9 Fiber optic cabling model
- B.10 Characteristics of the fiber optic cabling (channel)
- B.11 Requirements for interoperation between **100GBASE-BRx PMDS**
- B.12 Protocol implementation conformance statement (PICS) proforma for **Clause B**, Physical Medium Dependent (PMD) sublayer and medium, types **100GBASE-BR10,100GBASE-BR20, and 100GBASE-BR40**

The proposed outline of new clause for 200G BiDi

New clause C. Physical Medium Dependent (PMD) sublayer and medium, types **200GBASE-BR10,200GBASE-BR20, and 200GBASE-BR40**

- C.1 Overview
- C.2 Physical Medium Dependent (PMD) service interface
- C.3 Delay and Skew
- C.4 PMD MDIO function mapping
- C.5 PMD functional specifications
- C.6 PMD to MDI optical specifications for **200GBASE-BRx**
- C.7 Definition of optical parameters and measurement methods
- C.8 Safety, installation, environment, and labeling
- C.9 Fiber optic cabling model
- C.10 Characteristics of the fiber optic cabling (channel)
- C.11 Requirements for interoperation between **200GBASE-BRx PMDS**
- C.12 Protocol implementation conformance statement (PICS) proforma for **Clause C**, Physical Medium Dependent (PMD) sublayer and medium, types **200GBASE-BR10,200GBASE-BR20, and 200GBASE-BR40**

Thank you

Any questions?