

Proposed tables in 999.1 to 999.3 for 100G BiDi

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Proposed table 999-1

Table 999-1: Physical layer clauses associated with the 100GBASE-BRx PMDs

Associated clause	100GBASE-BR10, 100GBASE-BR20, 100GBASE-BR40
81—RS	Required
81—CGMII	Optional
82—PCS	Required
83—100GBASE-R PMA	Optional
91—RS-FEC	Required
83A—CAUI-10 C2C	Optional
83B—CAUI-10 C2M	Optional
83D—CAUI-4 C2C	Optional
83E—CAUI-4 C2M	Optional
135—100GBASE-P PMA	Required
135D—100GAUI-4 C2C	Optional
135E—100GAUI-4 C2M	Optional
135F—100GAUI-2 C2C	Optional
135G—100GAUI-2 C2M	Optional
78—Energy-Efficient Ethernet	Optional

Reference: Table 140-1 from Clause 140
Physical layer clauses associated with the 100GBASE-DR, 100GBASE-FR1, and 100GBASE-LR1 PMDs

Proposed tables 999-2 and 999-3

Table 999-2: MDIO/PMD control variable mapping

MDIO control variable	PMA/PMD register name	Register/bit number	PMD control variable
Reset	PMA/PMD control 1 register	1.0.15	PMD_reset
Global PMD transmit disable	PMD transmit disable register	1.9.0	PMD_global_transmit_disable

Table 999-3: MDIO/PMD status variable mapping

MDIO status variable	PMA/PMD register name	Register/bit number	PMD status variable
Fault	PMA/PMD status 1 register	1.1.7	PMD_fault
Transmit fault	PMA/PMD status 2 register	1.8.11	PMD_transmit_fault
Receive fault	PMA/PMD status 2 register	1.8.10	PMD_receive_fault
Global PMD receive signal detect	PMD receive signal detect register	1.10.0	PMD_global_signal_detect

References:

Table 140-2 from Clause 140 and Table 160-2 from Clause 160

Table 140-3 from Clause 140 and Table 160-3 from Clause 160

Thank you

Any questions?