

Draft Text for CI 143 Summary

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- 143.1 Overview
 - 143.1.1 Summary of major concepts
 - 143.1.1.1 25Gb/s, 50Gb/s, and 100Gb/s operation
 - 143.1.1.2 MAC to MII binding
 - 143.1.1.3 Transmission Envelope
 - 143.1.2 Channel bonding in 100G-EPON
- 143.2 100G-EPON Requirements
 - 143.2.1 Delay constraints
- 143.3 MPRS Control Primitives
 - 143.3.1 MPRS_CTRL.request primitive
 - 143.3.2 MPRS_CTRL.indication primitive
- 143.4 Multi-speed MII
 - 143.4.1 25/10G-EPON
 - 143.4.2 100G-EPON
 - 143.4.3 Multi-rate mode
 - 143.4.4 25GMII structure
 - 143.4.5 XGMII structure
 - 143.4.6 Mapping of 25GMII and XGMII

Outline

100G-EPON

143.5	Transmit functional specification for multiple MAC and MII EPON	143.6	Receive functional specification for multiple MAC and MII EPON
143.5.1	Conventions	143.6.1	Conventions
143.5.2	Constants	143.6.2	Constants
143.5.3	Counters	143.6.3	Counters
143.5.4	Timers	143.6.4	Timers
143.5.5	Variables	143.6.5	Variables
143.5.6	Messages	143.6.6	Messages
143.5.7	Functions	143.6.7	Functions
143.5.8	State Diagrams	143.6.8	State Diagrams
143.5.8.1	Input process	143.6.8.1	Receive process
143.5.8.2	Transmit process	143.6.8.2	Output process

Detailed text is provided in [remein_3ca_1_0316.pdf](#)
(detailed text is also available in FM11 format)

Thank You