## Proposed modification to clause 150.5.1 PMD block diagram Figure 200-2-Block diagram for 400GBASE-SR4.2 transmit/receive paths

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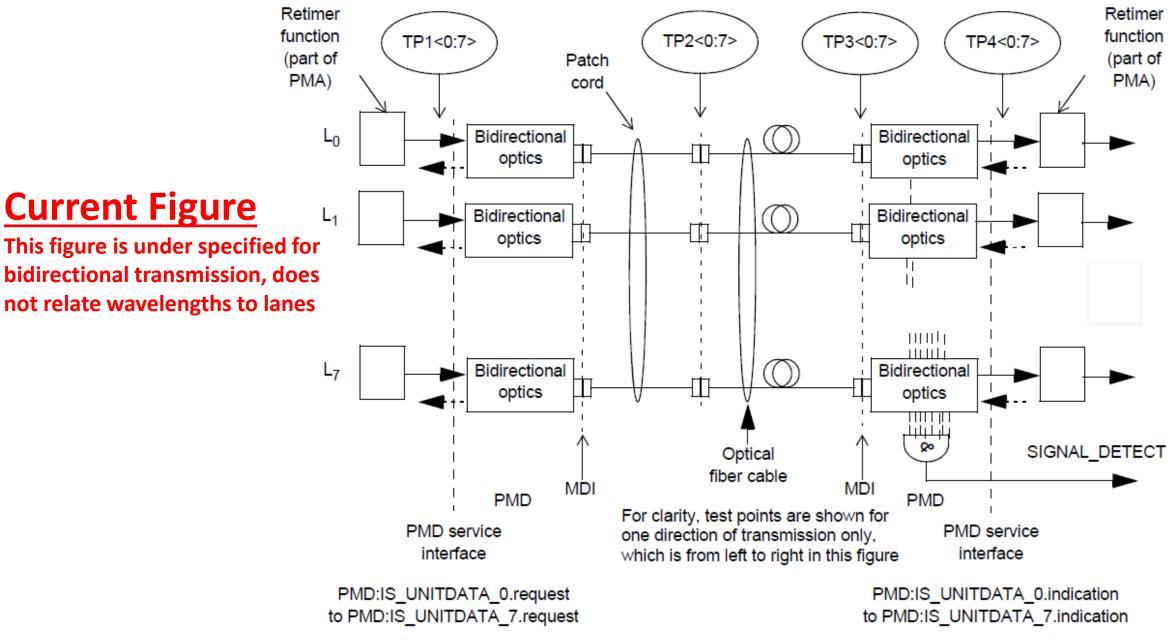
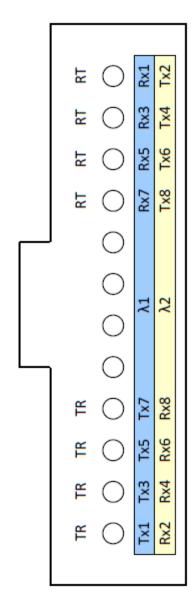
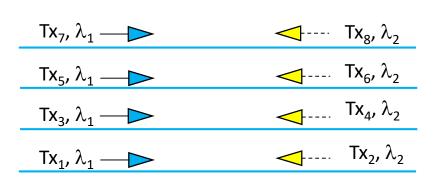


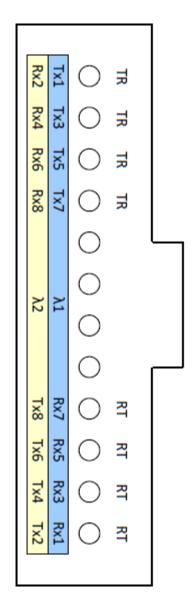
Figure 200–2—Block diagram for 400GBASE-SR4.2 transmit/receive paths

## MPO Interconnection scenario



$Tx_2, \lambda_2 \longrightarrow$	$ ightharpoonup$ Tx <sub>1</sub> , $\lambda_1$
$Tx_4, \lambda_2$	$\leftarrow$ Tx <sub>3</sub> , $\lambda_1$
$Tx_6, \lambda_2$	$\leftarrow$ Tx <sub>5</sub> , $\lambda_1$
$Tx_8$ , $\lambda_2$ —	$\leftarrow$ Tx <sub>7</sub> , $\lambda_1$





**Proposed Figure** TP1<0:7> TP2<0:7> TP3<0:7> TP4<0:7> Retimer Retimer **Function Function** Patch (part of PMA) (part of PMA) cord Bidirectional Bidirectional  $\sim \lambda_2$ Optics Optics  $\lambda_2$ Bidirectional Bidirectional Optics **Optics** Bidirectional Bidirectional **Optics** Optics  $\lambda_2$ Bidirectional Bidirectional **Optics Optics** & Optical SIGNAL\_DETECT Fiber cable MDI MDI **PMA PMA** For clarity, test points are shown for PMD service PMD service one direction of transmission only, interface interface which is from left to right in this figure