

Resolution of comment R1-46 per task force discussion

IEEE P802.3ct Task Force, Interim Teleconference Call, 18 February 2021

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- Remove definitions for “DWDM system” and “DWDM link”
- Merge terms “DWDM link” and “black link” into “DWDM black link”.
- Modify definition for “DWDM PHY” to be: “DWDM PHY: An Ethernet PHY that transmits and receives on selected DWDM center frequencies for transmission over one selected DWDM channel in each direction.”
- Definition for “DWDM black link”: *DWDM black link: An aggregate of pairs of DWDM channels, with each pair supporting one full-duplex connection where the implementation of the transmission paths is not specified.*
- Modify definition for “DWDM channel” to: *DWDM channel: The transmission path from a transmitting DWDM PHY (TP2) to a receiving DWDM PHY (TP3)*
- Modify definition for black link to: *black link approach: The specification of the input, output, and transfer characteristics of the uni-directional transmission path from TP2 to TP3 for a given DWDM channel within a DWDM black link, without specifying how the transmission path is implemented. (See, for example, IEEE Std 802.3, Clause 154, Figure 154–3)”*

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Change the final sentence of the first paragraph of 154.6 from :

The medium associated with the 100GBASE-ZR PMD is also referred to as a DWDM channel which is defined as the transmission path on a single wavelength/frequency (referred to either by channel index number or channel center frequency) on a defined frequency grid between a DWDM PHY transmitting to another DWDM PHY over a black link.

To:

The medium associated with the 100GBASE-ZR PMD is referred to as a DWDM channel.

Thanks!