

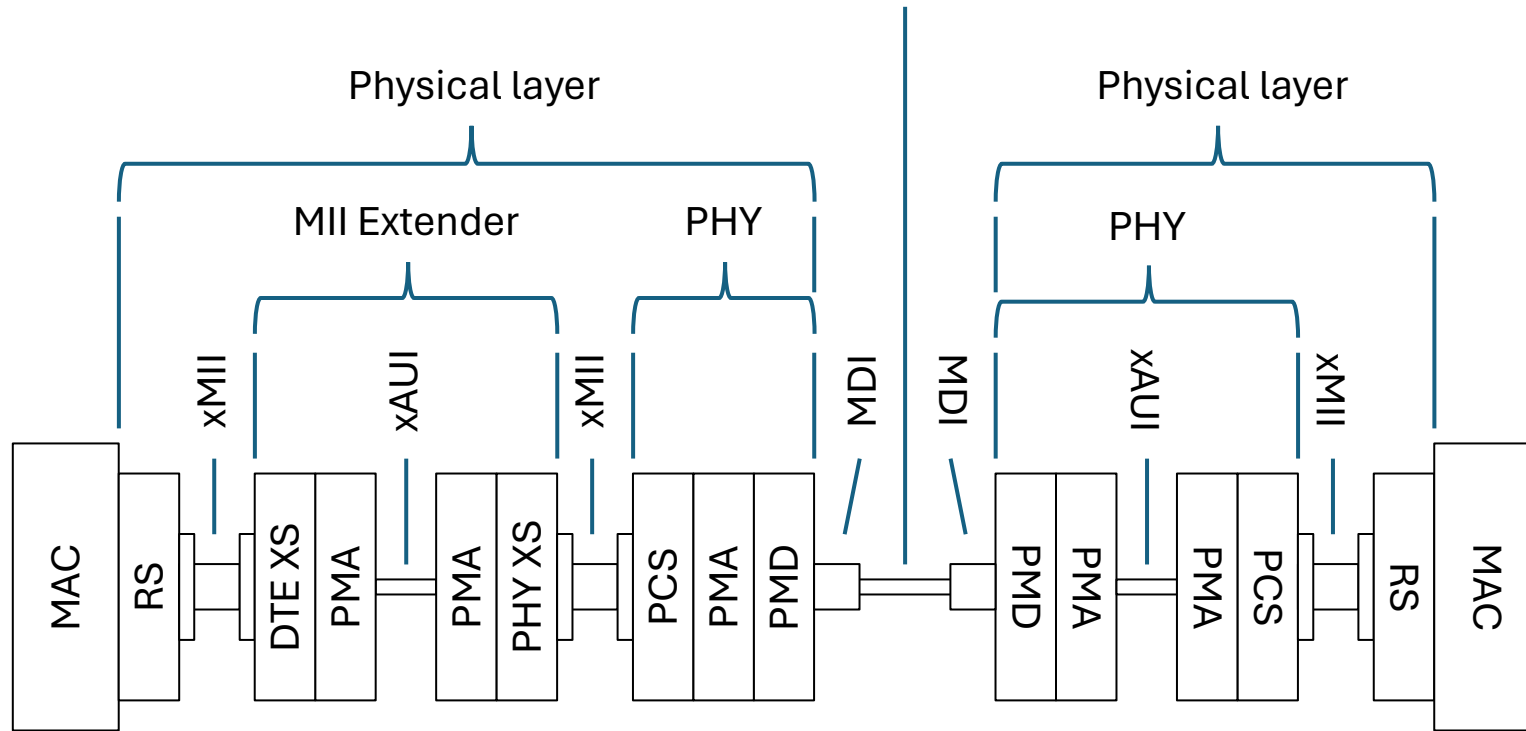
Annex 176A naming (comments #196, #577 against D1.0)

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IEEE Std 802.3 terms

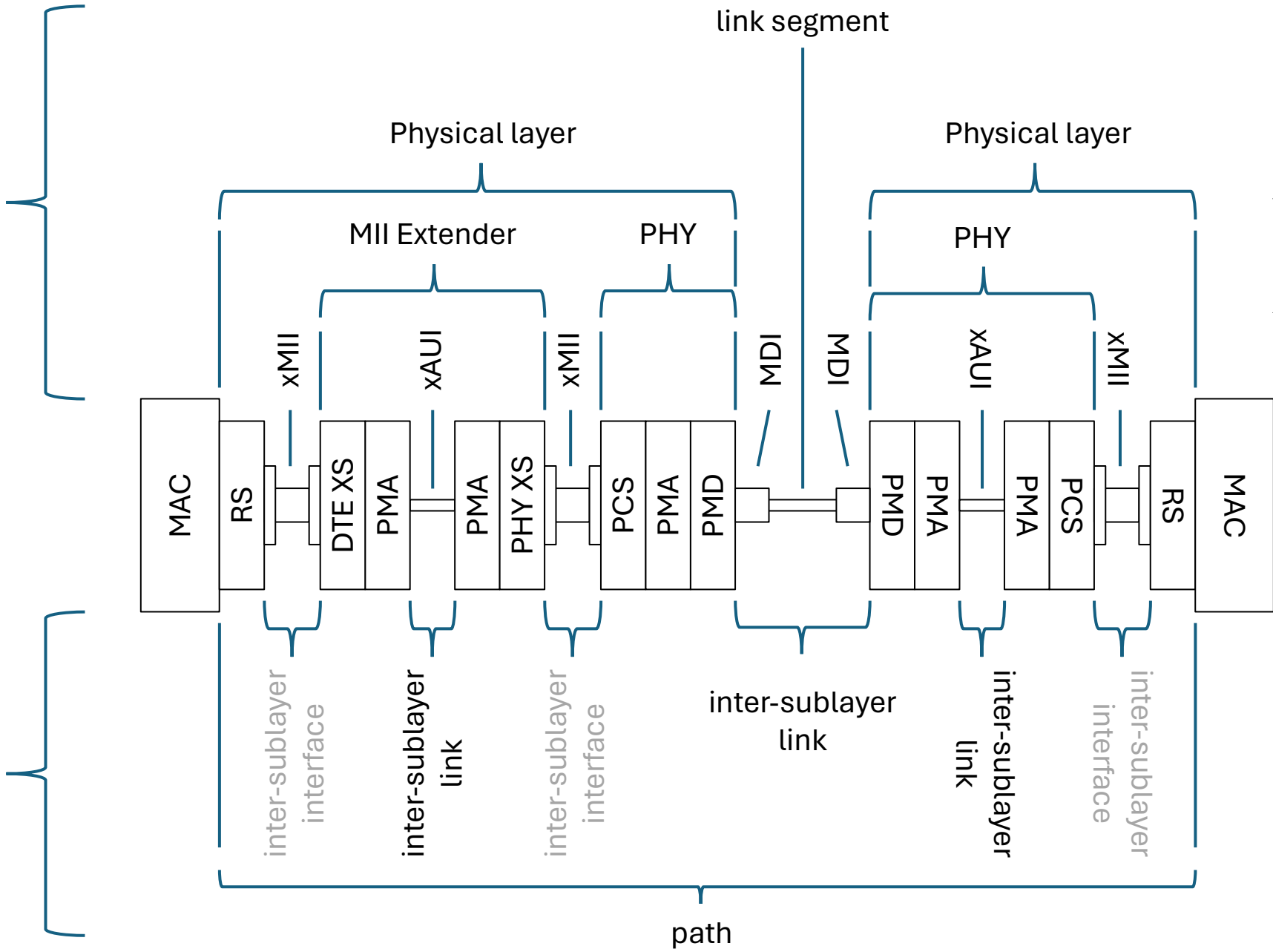
link segment (See IEEE P802.3dj 179.11 'Cable assembly characteristics' and 180.7, 185.6, 187.6 'Optical channel characteristics')



136.8.11 PMD control function
The PMD control function performs the PMD startup protocol.

IEEE Std 802.3 terms

Suggested terms



PMD startup protocol
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 Inter-sublayer link PMD startup (ILS) protocol
 or
 Inter-sublayer link PMD startup training (ILT) protocol

Suggestions

inter-sublayer link: The electrical or optical channel between two adjacent sublayers (e.g., xAUI or link segment).

Inter-sublayer link startup (ILS): A protocol that can operate between two adjacent sublayers that are connected using an electrical channel (e.g., two adjacent PMAs, or two adjacent PMDs connected using an electrical channel) that allows the receiver to configure the transmitter to optimize performance (see Annex 176A).

Path: The series of sublayers and electrical and optical channels between two MACs.

Annex 176A also defines a methodology through which 'Ready to start' (RTS) information can be propagated in the transmit direction across the path between two MACs. If an inter-sublayer link supports the 'inter-sublayer link startup protocol', the RTS information is communicated using the status field of the training frames. If an inter-sublayer link does not support the 'inter-sublayer link startup protocol', the RTS information is communicated using the transmit disable and signal detect function of the PMA or PMD.

Questions