

Synchronize DTE/PoE Text Across All Clauses

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Scope

- Resolve the following comments from TDL D2.3:

83: Some text is required to harmonize Clause 145 with Clause 33 after the split.

22: The term DTE (and DTI Power via MDI on page 88 in multiple locations) is used here even though this clause is now titled Power over Ethernet and has no mention of DTI Power via MDI anywhere before this. This seems confusing.

82: Some introductory text is needed to explain the relationship with Clause 33. Clause 145 is principally an extension of Clause 33 for 4-pairs operation

Sync DTE/PoE Resolution

- Approve editor to make the following changes
 - Change D2.4 Clause 33 Title from “Data Terminal Equipment (DTE) Power via Media Dependent Interface (MDI)” to “Power over Ethernet over 2-Pairs”
 - Replace D2.4 instances of “DTE or midspan” and “DTE” to “PoE (Clause 33, Clause 145)” in the following sections:
 - Section 1.4.338 Power Sourcing Equipment (PSE): A DTE or midspan device that provides the power to a single link section. DTE powering is intended to provide a single 10BASE-T, 100BASE-TX, or 1000BASE-T device with a unified interface for both the data it requires and the power to process these data.
 - Replace D2.4 instances of “DTE Power via MDI” to “PoE (Clause 33, Clause 145)” in the following sections:
 - Section 25.6.3.1 DTE Power via MDI major capabilities/options
 - Section 25.6.4.4 DTE Power via MDI compliance
 - Section 30.9 Management for DTE Power via MDI