Removal of EEE from 802.3dm v0.a

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Introduction

- This presentation relates to comments on 802.3dm v0.a, regarding the removal of EEE
- The proposed changes affect all three clauses: 200, 201, and 202*

**NOTE: It is important that proponents of TDD review carefully proposed changes to Clauses 200 and 202, in case EEE is intended to be supported for Clause 202*

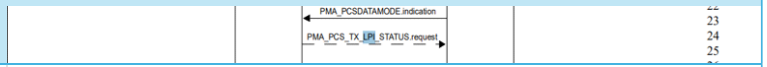
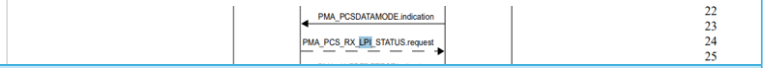
Updates to Clause 200

Page	Line	Clause
46	33	200.1.4.5
50	23	200.2.2.10
50	38	200.2.2.11
51	1	200.2.2.12
52	17	200.3.2.10
52	20	200.3.2.11
52	24	200.3.2.12
53	24	200.4.2.2.8
54	25	200.4.2.2.18
55	14	200.4.6
56	41	200.5.2.2.8
57	29	200.5.2.2.18
58	17	200.5.6
59	49	200.6.2.7
60	45	200.7.2.7

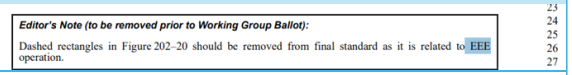
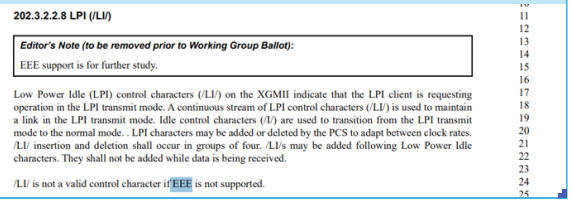
For each of the clauses listed in the table on the left do one of the following options:

- Option 1: Remove the clause
- Option 2: Make the content of the clause the following: "EEE and LPI are not supported."

Updates to Clause 201

Page	Line	Proposed Change	Image
75	6	Remove tx_lpi_active signal from figure	
76	33	Remove rx_lpi_active signal from figure	
77	40	Remove the words "EEE and"	In the training mode (see 201.3.5.2), the LS_TX and LS_RX transmits and receives differential Manchester encoding (DME) training frames, to synchronize to the PHY frame (and advertises capabilities such as EEE and OAM). See 201.4.2.2.16 for details on the DME symbols.
78	15	Option 1: Remove Clause 201.1.4.4 Option 2: Make the content of the clause the following: "EEE and LPI are not supported."	**201.1.4.4 EEE Capability** ***Editor's Note (to be removed prior to Working Group Ballot):*** May want to include and indicate there is no EEE Capability if it is decided this is not needed/required/desired.
78	49	Remove item "i)" in line 49	i) Optionally, ability to support refresh, quiet, and alert signaling during LPI operation. The PHY may operate in three basic modes: the normal data mode, the training mode, or an optional LPI mode
78	51	Remove "or an optional LPI mode" and replace previous comma with " or"	i) Optionally, ability to support refresh, quiet, and alert signaling during LPI operation. The PHY may operate in three basic modes: the normal data mode, the training mode, or an optional LPI mode
82	24	Remove the optional "PMA_PCS_TX_LPI_STATUS" signal	
83	24	Remove the optional "PMA_PCS_RX_LPI_STATUS" signal	
111	4	Remove the text "and the EEE ... 149-34"	**201.7.2.1.3 State diagrams** The PHY Control state diagram is shown in Figure 201–17, the Link Monitor state diagram is shown in Figure 149–33, and the EEE Refresh monitor state diagram for the fast data path is shown in Figure 149–34.

Updates to Clause 202

Page	Line	Proposed Change	Image
161	4	Remove the editors note	
168	21	Remove the "LPI" row from the table	
169	25-Nov	Option 1: Remove Clause 202.3.2.2.8 Option 2: Make the content of the clause the following: "EEE and LPI are not supported."	

Additional Edits:

- In Figure 202-20 (PCS Transmit) and Figure 202-21 (PCS Receive), the dashed rectangles representing LPI data paths and transitions must be removed.

- In Figure 202-19, the variable “rx_lpi_active” is already shown with a red strike-through in the draft, indicating it should be deleted to remove LPI dependencies from error monitoring.

Expected changes to Table of Content

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