

# 1000 BASE-T1 EEE Text

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# Contributors

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# Summary

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- Based on agreed upon baselines
- PCS EEE text
  - Bulk of the text
- 78.1 EEE text
  - Table additions
- PMA EEE text
  - Mostly not needed/specified => LPI detection/control can be accomplished in PCS
  - EEE primitives, e.g., rx\_lpi\_active

# PCS EEE text highlights

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- Followed 10G EEE template
- Full text in graba\_3bp\_03\_0215.pdf

# 1000BASE-T1 additions to Cl. 78

- 78.1 Include ", the 1000BASE-T1 PHY" in third paragraph after "the 1000BASE-T PHY".
- 78.1.3.3.1 Include ", 1000BASE-T1 PHY" in the second paragraph after "100BASE-TX".
- Table 78-1 Add PHY type 1000BASE-T1 and Clause 97.
- Table 78-2 Add row.  $T_s$ : 3.6,  $T_q$ :  $354 \cdot .24 = 84.96$ ,  $T_r$ : 1.44
- Table 78-4 Add rows:

PHY Type	Case	$T_{w\_sys\_tx}$ (min) (us)	$T_{w\_phy}$ (min) (us)	$T_{w\_shrink\_tx}$ (max) (us)	$T_{w\_shrink\_rx}$ (max) (us)	$T_{w\_sys\_rx}$ (min) (us)
1000BASE-T1	Case-1	10.8	10.8	10.8	0	0
	Case-2	3.6	3.6	3.6	0	0

# Motions

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- Adopt additions/changes to PCS EEE text in graba\_3bp\_03\_0215.pdf
- Adopt proposed changes to Clause 78.1