8802-3/802.3 REVISION REQUEST

DATE: 10/1/2018
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REQUESTED REVISION:
STANDARD: IEEE Std 802.3-2018
CLAUSE NUMBER: 22.
CLAUSE TITLE: Reconciliation Sublayer (RS) and Media Independent Interface (MII) (PICS)
PROPOSED REVISION TEXT:
Change PICS SF18 status to !LPI
Insert new PICS item SF18a as follows:
Feature: Effect on PHY while TXD<3:0> is any value other than 0001, and TX_EN is deasserted and TX_ER is asserted
Subclause: 22.2.2.4
Status: LPI:M
Value/Comment: No effect

RATIONALE FOR REVISION:
Existing text of SF18 is incorrect. According to 22.2.2.4, Table 22-1 and PICS item L3, when the LPI option is present, and TXD<3:0> = 0001, TX_EN = 0 and TX_ER = 1, LPI is asserted, having an effect on the PHY.

IMPACT ON EXISTING NETWORKS: None - change merely corrects PICS to reflect requirement in 22.2.2.4 as was implemented in amendment 802.3az (EEE).

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|Please attach supporting material, if any |
|Submit to:-  David Law, Chair IEEE 802.3 |
|and copy:-  Adam Healey, Vice-Chair IEEE 802.3 |
|At:-  E-Mail: stds-802-3-maint-req@ieee.org |

-------- For official 802.3 use ---------
REV REQ NUMBER: 1323
DATE RECEIVED: 2nd October, 2018
EDITORIAL/TECHNICAL
ACCEPTED/DENIED
BALLOT REQ'D  YES/NO
COMMENTS:

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For information about this Revision Request see -
http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1323