REVISION REQUEST

DATE: 12/06/2023
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REQUESTED REVISION:
STANDARD: 802.3-2022
CLAUSE NUMBER: 149.1.3
CLAUSE TITLE: Operation of 2.5GBASE-T1, 5GBASE-T1, and 10GBASE-T1

PROPOSED REVISION TEXT:
Change text from "XGMII TX_D, TX_EN, and TX_ER are encoded together using 64B/65B encoding." to "XGMII TXD and TXC are encoded together using 64B/65B encoding"

RATIONALE FOR REVISION:
The text incorrectly refers to TX_D, TX_N and TX_ER which are defined for GMII in Clause 35 but not for XGMII (Clause 46) which uses TXD and TXC. The new text aligns with a similar description in Clause 165.1.3: "25GMII TXD and TXC are encoded together using 64B/65B encoding."

IMPACT ON EXISTING NETWORKS:
None. The text is descriptive only.

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 information about this Revision Request see -
http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1426