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4  | DATE: 12/06/2023                 |
5  | NAME: Brett McClellan            |
6  | COMPANY/AFFILIATION: Marvell Semiconductor |
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9  | REQUESTED REVISION:
10 |   STANDARD: 802.3-2022
11 |   CLAUSE NUMBER: 149.1.3
12 |   CLAUSE TITLE: Operation of 2.5GBASE-T1, 5GBASE-T1, and 10GBASE-T1
13 | PROPOSED REVISION TEXT:
14 |
15 | Change text from "XGMII TX_D, TX_EN, and TX_ER are encoded together using
16 | 64B/65B encoding." to "XGMII TXD and TXC are encoded together using
17 | 64B/65B encoding"
18 |
19 | RATIONALE FOR REVISION:
20 | The text incorrectly refers to TX_D, TX_N and TX_ER which are defined for
21 | GMII in Clause 35 but not for XGMII (Clause 46) which uses TXD and TXC.
22 | The new text aligns with a similar description in Clause 165.1.3:
23 | "25GMII TXD and TXC are encoded together using 64B/65B encoding."
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25 |
26 | IMPACT ON EXISTING NETWORKS:
27 | None. The text is descriptive only.
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31 | |Please attach supporting material, if any
32 | |Submit to:-   David Law, Chair IEEE 802.3
33 | |and copy:-   Adam Healey, Vice-Chair IEEE 802.3
34 | |
35 | |At:-         E-Mail: stds-802-3-maint-req@ieee.org
36 | |
37 | |           +----- For official use -----+
38 | |           | REV REQ NUMBER: 1426
39 | |           | DATE RECEIVED: 18 January 2024
40 | |           | EDITORIAL/TECHNICAL
41 | |           | ACCEPTED/DENIED
42 | |           | BALLOT REQ'D   YES/NO
43 | |           | COMMENTS:
44 | |           +-----+
45 | | For information about this Revision Request see -
46 | | http://www.ieee802.org/3/maint/requests/revision\_history.html#REQ1426
47 | |

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