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4  DATE: 04 October 2024
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8
9  REQUESTED REVISION:
10     STANDARD: 802.3-2022
11     CLAUSE NUMBER: 149.3.9.2.1
12     CLAUSE TITLE: MultiGBASE-T1 OAM frame structure
13  PROPOSED REVISION TEXT:
14  Replace
15
16  "The dummy OAM symbol is all 0's and its value is ignored at the
17  receiver."
18
19  with
20
21  "The dummy OAM symbol shall be all 0's and its value shall be ignored
22  at the receiver."
23
24  Add to the PICS:
25
26  "OAMx | Dummy OAM symbols | 149.3.9.2.1 | 10-bit OAM field shall be set
27  to all 0's and ignored at the receiver | EEE*OAM:M | Yes[] NA[]"
28
29  RATIONALE FOR REVISION:
30  There is no shall for the value of the dummy OAM symbols or that they
31  be ignored at the receiver and these requirements are not covered in
32  the blanket shall of the state diagrams.
33
34  IMPACT ON EXISTING NETWORKS:
35  This change will impact any 2.5GBASE-T1, 5GBASE-T1, or 10GBASE-T1 PHY
36  implementations that do not set the dummy OAM to all 0's and/or do not
37  ignore dummy OAM symbols at the receiver.
38
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40  |Please attach supporting material, if any
41  |Submit to:-   David Law, Chair IEEE 802.3
42  |and copy:-   Adam Healey, Vice-Chair IEEE 802.3
43  |
44  |At:-         E-Mail: stds-802-3-maint-req@ieee.org
45  |
46  |             +----- For official use -----+
47  |             | REV REQ NUMBER: 1450
48  |             | DATE RECEIVED: 04 October 2024
49  |             | EDITORIAL/TECHNICAL
50  |             | ACCEPTED/DENIED
51  |             | BALLOT REQ'D   YES/NO
52  |             | COMMENTS:
53  +-----+
54  | For information about this Revision Request see -
55  | http://www.ieee802.org/3/maint/requests/revision\_history.html#REQ1450
56  +-----+
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