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4  DATE: 04 October 2024
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9  REQUESTED REVISION:
10     STANDARD: 802.3-2022
11     CLAUSE NUMBER: 149.3.9.2.7
12     CLAUSE TITLE: OAM message toggle
13  PROPOSED REVISION TEXT:
14  Remove
15
16  "This bit is valid only if Valid is set to 1."
17
18  RATIONALE FOR REVISION:
19  It is stated that Toggle is only valid when Valid is set to 1, however
20  both Table 149-8 and Figure 149-25 (Transmit state diagram) agree that
21  the Toggle bit should be set (changed) on a transition of the Valid bit
22  from 1 to 0, meaning that the Toggle bit has meaning even when the
23  Valid bit is 0 and is in fact required to be a specific value. To say
24  that the Toggle bit is only valid when Valid = 1 implies that Toggle
25  can be any arbitrary value when Valid = 0 which is not true.
26
27  IMPACT ON EXISTING NETWORKS:
28  None.
29
30  +-----+
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: 1468
39  |             | DATE RECEIVED: 04 October 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#REQ1468
47  +-----+
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