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2  |               8802-3/802.3 REVISION REQUEST               |
3  +-----+
4  DATE: September 4, 2026
5  NAME: George Zimmerman
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9  REQUESTED REVISION:
10     STANDARD: IEEE Std 802.3-2022
11     CLAUSE NUMBER: 97.3.8, 149.3.9
12     CLAUSE TITLE: Physical Coding Sublayer (PCS), Physical Medium
13     Attachment (PMA) sublayer, and baseband medium, type 1000BASE-T1
14     (.5GBASE-T1, 5GBASE-T1, and 10GBASE-T1, for clause 149)
15
16     PROPOSED REVISION TEXT:
17     In 97.3.8.4.3 and 149.3.9.4.3 change definition of variable "reset" to
18     read:
19     "reset
20     Indicates that OAM is either in reset or is not enabled
21     Values:
22         false OAM circuit not in reset and enabled
23         true  OAM circuit is in reset or not enabled"
24     (same text both places)
25
26     RATIONALE FOR REVISION: The text of clauses 97 and 149 clearly state
27     that OAM is only enabled if both PHYs set the OAMen bit during
28     startup (97.4.2.4.10 and 149.4.2.4.5); however, the OAM state diagrams
29     are required "when OAM is implemented" and contain no provision to hold
30     them in a disabled state if OAM is not enabled. The reset variable has
31     this functionality. By expanding the definition of the 'reset' variable,
32     which is an open ended entry to the INIT state, the state diagram can
33     be held in the init state if not enabled.
34
35     IMPACT ON EXISTING NETWORKS: None.
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39  |Please attach supporting material, if any|
40  |Submit to:-   David Law, Chair IEEE 802.3|
41  |and copy:-    Adam Healey, Vice-Chair IEEE 802.3|
42  |
43  |At:-          E-Mail: stds-802-3-maint-req@ieee.org|
44  |
45  |               +----- For official 802.3 use -----+
46  |               | REV REQ NUMBER: 1500                    |
47  |               | DATE RECEIVED: 4 September, 2026        |
48  |               | EDITORIAL/TECHNICAL                     |
49  |               | ACCEPTED/DENIED                         |
50  |               | BALLOT REQ'D      YES/NO                |
51  |               | COMMENTS:                               |
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53  | For information about this Revision Request see -
54  | http://www.ieee802.org/3/maint/requests/revision\_history.html#REQ1500
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