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4  | DATE: 08/30/2024                   |
5  | NAME: Alireza Razavi                |
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8  |                                     |
9  | REQUESTED REVISION:                 |
10 |   STANDARD: IEEE Std 802.3-2022      |
11 |   CLAUSE NUMBER: 165.4.4.2, and 149.4.4.2 |
12 |   CLAUSE TITLE: Timers               |
13 | PROPOSED REVISION TEXT:              |
14 | The ask is to remove PCS_DATA from the original text |
15 |                                     |
16 | the original text is :               |
17 | "A timer used to determine the minimum amount of time the PHY Control |
18 | stays in the SILENT, TRAINING, PCS_TEST, and PCS_DATA states. The timer |
19 | shall expire 975 µs ± 50 µs after being started." |
20 |                                     |
21 | to be changed to                     |
22 |                                     |
23 | "A timer used to determine the minimum amount of time the PHY Control |
24 | stays in the SILENT, TRAINING, and PCS_TEST states. The timer shall |
25 | expire 975 µs ± 50 µs after being started." |
26 |                                     |
27 | RATIONALE FOR REVISION:              |
28 | the "minwait_timer" for PCS_DATA state is not initilized or used. |
29 | For example, there is no "start miniwait-timer" command associated with |
30 | the PCS_DATA state, whereas other states with a miniwait_timer (such as |
31 | SILENT, TRAINING, and PCT_TEST) do have a "start miniwait-timer" command. |
32 | Look at Figure 149-32-PHY Control state diagram as example |
33 |                                     |
34 | Additionally, I couldn't find any reference to "miniwait-timer done" in |
35 | the text, or state machines |
36 |                                     |
37 | IMPACT ON EXISTING NETWORKS:         |
38 | None, minwait_timer is not used |
39 |                                     |
40 | +-----+
41 | |Please attach supporting material, if any |
42 | |Submit to:- David Law, Chair IEEE 802.3 |
43 | |and copy:- Adam Healey, Vice-Chair IEEE 802.3 |
44 | | |
45 | |At:- E-Mail: stds-802-3-maint-req@ieee.org |
46 | | |
47 | | +----- For official use -----+ |
48 | | | REV REQ NUMBER: 1442 |
49 | | | DATE RECEIVED: 30 August 2024 |
50 | | | EDITORIAL/TECHNICAL |
51 | | | ACCEPTED/DENIED |
52 | | | BALLOT REQ'D YES/NO |
53 | | | COMMENTS: |
54 | +-----+
55 | | For information about this Revision Request see - |
56 | |http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1442 |
57 | +-----+

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