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2 | REVISION REQUEST |
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4 DATE: 10 December 2019
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9 REQUESTED REVISION:
10 STANDARD: 802.3cd-2018
11 CLAUSE NUMBER: 136.8.11.7.3
12 CLAUSE TITLE: Timers
13 PROPOSED REVISION TEXT:
14 Remove second sentence in the first paragraph of the description for the
15 variable "max_wait_timer". This sentence is "It is started upon entry to
16 the INITIALIZE state of the PMD control state diagram."
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25 RATIONALE FOR REVISION:
26 There is a discrepancy in IEEE 802.3cd-2018 Clause 136.8.11 related to
27 the start of the max_wait_timer. The PMD control state diagram from
28 Figure 136-7 (pg 210) shows that the variable "max_wait_timer" starts in
29 the TRAIN_LOCAL state. However, the "max_wait_timer" variable definition
30 in 136.8.11.7.3 (pg 209) states that the variable starts upon entry into
31 the INITIALIZE state.
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33 The consensus among a few IEEE 802.3 voters was that the variable
34 definition in 136.8.11.7.3 is incorrect and should be changed
35 "INITIALIZE" to "TRAIN_LOCAL". A cleaner solution is remove the sentence
36 because the specification typically does not directly include the state
37 diagram precedence in any clause. Rather it is indirect by referring back
38 to 21.5.
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40 In Clause 136 we have...
41 136.8.11.7.5 State diagrams
42 The notation used in the state diagrams follows the conventions of 21.5.
43 State diagram timers follow the conventions of 14.2.3.2. The notation ++
44 after a counter indicates that its value is to be incremented.
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46 From 21.5 we have...
47 21.5 State diagrams
48 State diagrams take precedence over text.
49 The conventions of 1.2 are adopted, with the following extensions.
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IMPACT ON EXISTING NETWORKS:
None, if implementers are following Clause 21.5.

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| Please attach supporting material, if any
| Submit to:- David Law, Chair IEEE 802.3
| and copy:- Adam Healey, Vice-Chair IEEE 802.3
|
| At:- E-Mail: stds-802-3-maint-req@ieee.org
|
|           +----- For official use -----+
|           | REV REQ NUMBER: 1354
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|           | ACCEPTED/DENIED
|           | BALLOT REQ'D YES/NO
|           | COMMENTS:
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| For information about this Revision Request see -
| http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1354 |