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|                          REVISION REQUEST                            |
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DATE: 19 May 2019 (original was 8 January 2019)
NAME: George Zimmerman
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REQUESTED REVISION:
  STANDARD: 802.3-2018
  CLAUSE NUMBER: 45.2.3.74
  CLAUSE TITLE: Link partner 1000BASE-T1 OAM message register
PROPOSED REVISION TEXT:
In Table 45-243, Change the second sentence in Description of 2313.15
from: "This bit shall self clear when register 3.2317 is read."
to : "This bit self clears when register 3.2317 is read."

In 45.2.3.74.1 change "This register shall be cleared when register
3.2317 is read."  to:
"This bit shall self-clear when register 3.2317 is read."

In 45.2.3.75
Delete "Register 3.2313.15 shall be cleared when register 3.2317 is read.

Change Feature on PICS item RM134 from "Register 3.2313 is cleared when
register 3.2317 is read."
to "Bit 3.2313.15 self clears when register 3.2317 is read."

Delete PICS entries RM135 and RM136, associated with the entries in
Table 45-243 and 45.2.3.75.




RATIONALE FOR REVISION:
In 45.2.3.74.1, the requirement for bit 3.2313.15 to self clear is
misstated to indicate that the register self clears, not just bit
3.2313.15, which is what is described.
45.2.3.74.1 (3.2313.15) states: "This register shall be cleared when
register 3.2317 is read." and it shouldn't be repeated, and also
should refer to the bit, not the register. (2313.15 is a bit).
This results in PICS item RM134 being mis-stated to clear register
3.2313, and not just bit 3.2313.15

The requirement that bit 3.2313.15 self clears is repeated 3 times.
It is in 45.2.3.74.1 (the description of the bit), it is in Table 45-243
where the bit is described, and it is repeated again in 45.2.3.75,
where register 3.2317 is.

802.3ch is editing this clause and covering the duplicates may be
problematic.
The shall is also duplicated in the definition of bit 3.2313.15 in
Table 45-243.

IMPACT ON EXISTING NETWORKS: None.
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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: 1327                     |            |
|              |  DATE RECEIVED: 8 January 2019            |            |
|              |  EDITORIAL/TECHNICAL                      |            |
|              |  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#REQ1327 |
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