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4  | DATE: 11/6/2018                   |
5  | NAME: Duane Remein                 |
6  | COMPANY/AFFILIATION: Huawei Technologies, Inc. |
7  | E-MAIL: duane.remein@huawei.com    |
8  |                                     |
9  | REQUESTED REVISION:                |
10 |   STANDARD: IEEE Std 802.3-2018    |
11 |   CLAUSE NUMBER: 45                 |
12 |   CLAUSE TITLE: Management Data Input/Output (MDIO) Interface |
13 | PROPOSED REVISION TEXT:            |
14 | Change the Description for bit 3.18.13 from: |
15 | "1 = PCS is able to support 2.5GBASE-T PCS type |
16 | 0 = PCS is not able to support 2.5GBASE-T PCS type" to: |
17 | "1 = PCS is able to support 5GBASE-T PCS type |
18 | 0 = PCS is not able to support 5GBASE-T PCS type" |
19 |                                     |
20 | Change the Description for bit 3.18.12 from: |
21 | "1 = PCS is able to support 5GBASE-T PCS type |
22 | 0 = PCS is not able to support 5GBASE-T PCS type" to: |
23 | "1 = PCS is able to support 2.5GBASE-T PCS type |
24 | 0 = PCS is not able to support 2.5GBASE-T PCS type" |
25 |                                     |
26 |                                     |
27 | RATIONALE FOR REVISION:             |
28 | Table 45-181-PCS status 2 register bit Descriptions are incorrect. |
29 | The Description for Bits 3.8.12 and 3.8.12 are swapped. |
30 | See 802.3-2018 Section 4 pg 240 subclause 45.2.3.7 |
31 |                                     |
32 | IMPACT ON EXISTING NETWORKS:        |
33 | Potential interoperability and incompatible bit usage in |
34 | PCS status 2 register (Register 3.8) |
35 |                                     |
36 | +-----+
37 | |Please attach supporting material, if any |
38 | |Submit to:- David Law, Chair IEEE 802.3 |
39 | |and copy:- Adam Healey, Vice-Chair IEEE 802.3 |
40 | | |
41 | |At:- E-Mail: stds-802-3-maint-req@ieee.org |
42 | | |
43 | | +----- For official use -----+ |
44 | | | REV REQ NUMBER: 1325 |
45 | | | DATE RECEIVED: 6 November 2018 |
46 | | | EDITORIAL/TECHNICAL |
47 | | | ACCEPTED/DENIED |
48 | | | BALLOT REQ'D YES/NO |
49 | | | COMMENTS: |
50 | | +-----+ |
51 | | For information about this Revision Request see - |
52 | | http://www.ieee802.org/3/maint/requests/revision\_history.html#REQ1325 |
53 | | +-----+ |

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