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4  DATE:  20 Aug 2024
5  NAME:  LOKESH KABRA
6  COMPANY/AFFILIATION: SYNOPSYS INC
7  E-MAIL: lokesh@synopsys.com
8  REQUESTED REVISION:
9      STANDARD: IEEE 802.3df
10     CLAUSE NUMBER: 45.2.3.1
11     CLAUSE TITLE: PCS control 1 register
12  PROPOSED REVISION TEXT:
13  Modify 3.0.5:2, 4.0.5:2 and 5.0.5:2 bit field (Speed selection)
14  description
15
16  Existing
17  1 1 x x = Reserved
18
19  Proposed
20  1 1 1 x = Reserved
21  1 1 0 1 = Reserved
22  1 1 0 0 = 800 Gb/s
23
24  Modify 3.7.4:0 bit field (PCS type selection) description
25
26  Existing
27  1 0 1 x x = Reserved
28
29  Proposed
30  1 0 1 1 x = Reserved
31  1 0 1 0 1 = Reserved
32  1 0 1 0 0 = Select 800GBASE-R PCS type
33
34  RATIONALE FOR REVISION:
35  The addition of 800G modes for the speed selection and PCS type were
36  omitted in 802.3df standard
37
38  IMPACT ON EXISTING NETWORKS:
39  None
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: 1437
49  |               | DATE RECEIVED: 20 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#REQ1437
57  +-----+

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