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|                          REVISION REQUEST                          |
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DATE:  20 Aug 2024
NAME:  LOKESH KABRA
COMPANY/AFFILIATION: SYNOPSYS INC
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REQUESTED REVISION:
   STANDARD: IEEE 802.3df
   CLAUSE NUMBER: 45.2.3.8
   CLAUSE TITLE: PCS status 3 register (register 3.9)
PROPOSED REVISION TEXT:

Add capability field for 800GBASE-R in this register

Assign reserved bit 3.9.8 in Table 45-216 as 800GBASE-R capable.
Add description of bit as given below
1 = PCS is able to support 800GBASE-R PCS type
0 = PCS is not able to support 800GBASE-R PCS type

Add new subsection
45.2.3.8.1a 800GBASE-R capable (3.9.8)
When read as a one, bit 3.9.8 indicates that the PCS is able to support
the 800GBASE-R PCS type. When read as a zero, bit 3.9.8 indicates that
the PCS is not able to support 800GBASE-R PCS type.


RATIONALE FOR REVISION:

The addition of 800G capability in this register was omitted in
802.3df standard.


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: 1439                     |        |
|                | DATE RECEIVED: 20 August 2024            |        |
|                | EDITORIAL/TECHNICAL                      |        |
|                | ACCEPTED/DENIED                          |        |
|                | BALLOT REQ'D    YES/NO                   |        |
|                | COMMENTS:                                |        |
+------------+---------------------------------------------+---------+
| For information about this Revision Request see -                  |
|http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1439 |
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