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4  | DATE: 2022/06/06                 |
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9  | REQUESTED REVISION:
10 |   STANDARD: IEEE Std 802.3-2022
11 |   CLAUSE NUMBER: 56.1.3
12 |   CLAUSE TITLE: Physical Layer signaling systems
13 | PROPOSED REVISION TEXT:
14 | Break down the existing Table 56-1 into three separate tables as follows:
15 | - Table 56-1a, covering just EPON media (1G-EPON, 10G-EPON, Nx25G-EPON,
16 |   and upcoming 802.3cs PHYs)
17 | - Table 56-1b, covering all P2P (single and dual) fiber PHYs
18 | - Table 56-1c, covering all copper PHYs
19 |
20 | Within each new table, use the existing ordering of PHYs.
21 |
22 | Change text "Specifications unique to the operation of each Physical
23 | Layer device are shown in Table 56-1." to read "Specifications unique to
24 | the operation of individual Physical Layer device types are shown in
25 | Table 56-1a for EPON, in Table 56-1b for P2P fiber, and in Table 56-1c
26 | for copper Physical Layer devices."
27 |
28 | Update reference in 1.4.7 1000BASE-PX from Table 56-1 to Table 56-1a
29 | Update reference in 1.4.48 10/1GBASE-PRX from Table 56-1 to Table 56-1a
30 | Update reference in 1.4.77 10GBASE-PR from Table 56-1 to Table 56-1a
31 | Update reference in 1.4.90 10GPASS-XR from Table 56-1 to Table 56-1c
32 |
33 | RATIONALE FOR REVISION:
34 | Table 56-1 is becoming quickly unwieldy, spanning multiple pages, and
35 | getting hard to read and even harder to maintain.
36 |
37 | IMPACT ON EXISTING NETWORKS:
38 | None, it is just a reorganization of Table 56-1 into 3 separate tables.
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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: 1399
49 | |             | DATE RECEIVED: 6 June 2022
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#REQ1399
57 | |

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