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3  |                                     |
4  | DATE:                               |
5  | NAME: Adee Ran                      |
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8  |                                     |
9  | REQUESTED REVISION:                 |
10 |   STANDARD: IEEE Std 802.3ck-2022   |
11 |   CLAUSE NUMBER: 162.9.4.7         |
12 |   CLAUSE TITLE: Output jitter      |
13 |                                     |
14 | PROPOSED REVISION TEXT:             |
15 | In the second paragraph of 162.9.4.7, change the reference for the   |
16 | transitions R03 and F30 from Table 162-13 to Table 120D-4.           |
17 |                                     |
18 |                                     |
19 | RATIONALE FOR REVISION:             |
20 | Table 162-13 contains specific transitions in the PRBS9Q test pattern, |
21 | which is optional for even-odd jitter measurement. But the second     |
22 | paragraph discusses JRMS, J3u and J3u03, for which the test pattern is |
23 | specified to be PRBS13Q. The transitions for PRBS13Q are specified in  |
24 | Table 120D-4. The transitions listed in Table 162-13 are not present in |
25 | the PRBS13Q pattern.              |
26 |                                     |
27 | The other place in 802.3ck where transitions for jitter measurements are |
28 | specified, 120F.3.1.6, correctly references Table 120D-4.             |
29 |                                     |
30 |                                     |
31 | IMPACT ON EXISTING NETWORKS:        |
32 | None; the change is fixing an obvious mistake in a specification of a  |
33 | test method, which is implemented by test equipment. Network devices can |
34 | only be tested using the transitions in Table 120D-4 as suggested.     |
35 |                                     |
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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: 1436                               |
45 | |               | DATE RECEIVED: 15 July 2024                       |
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#REQ1436 |
53 | | +-----+

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