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5  | DATE: 22 May 2023                 |
6  | NAME: David Law                   |
7  | AFFILIATION: Hewlett Packard Enterprise |
8  | E-MAIL: dlaw@hpe.com              |
9  |                                     |
10 | REQUESTED REVISION:                |
11 |   STANDARD:      IEEE Std 802.3-2022 |
12 |   CLAUSE NUMBER: 99.3.6            |
13 |   CLAUSE TITLE:  CRC                |
14 |                                     |
15 | PROPOSED REVISION TEXT:            |
16 |                                     |
17 | Add the text 'The 32 bits of the mCRC value are placed in the CRC field |
18 | as defined in subclause 3.2.9.' to the end of subclause 99.3.6.         |
19 |                                     |
20 | RATIONALE FOR REVISION:            |
21 |                                     |
22 | It appears that the mapping of the mCRC value into the CRC field is not |
23 | defined. Since the mCRC value is calculated using steps a) through d) of |
24 | subclause 3.2.9, it is reasonable to assume that the mapping is the same |
25 | as subclause 3.2.9, but this should be stated.                          |
26 |                                     |
27 | IMPACT ON EXISTING NETWORKS:        |
28 |                                     |
29 | None. As there are no reports of interoperability issues between         |
30 | Clause 99 implementations it is safe to assume that all implement the    |
31 | same mapping and that it is the same as subclause 3.2.9.                 |
32 |                                     |
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34 | |Please attach supporting material, if any |
35 | |Submit to:-   David Law, Chair IEEE 802.3 |
36 | |and copy:-   Adam Healey, Vice-Chair IEEE 802.3 |
37 | |
38 | |At:-         E-Mail: stds-802-3-maint-req@ieee.org |
39 | |
40 | |           +----- For official use -----+ |
41 | |           | REV REQ NUMBER: 1411 | |
42 | |           | DATE RECEIVED: 6 August, 2023 | |
43 | |           | EDITORIAL/TECHNICAL | |
44 | |           | ACCEPTED/DENIED | |
45 | |           | BALLOT REQ'D   YES/NO | |
46 | |           | COMMENTS: | |
47 | +-----+
48 | | For information about this Revision Request see - |
49 | |http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1411 |
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