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3  |                                     |
4  | DATE: 04 October 2024             |
5  | NAME: Charity Reed                |
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8  |                                     |
9  | REQUESTED REVISION:               |
10 |   STANDARD: 802.3-2022             |
11 |   CLAUSE NUMBER: 149.3.9.4.5     |
12 |   CLAUSE TITLE: Functions         |
13 | PROPOSED REVISION TEXT:           |
14 | Replace                             |
15 | "rs (14 OAM symbols)               |
16 |   This function outputs the 2 parity symbols as defined in           |
17 |   149.3.9.2.13. If all 16 symbols of the OAM frame are embedded in     |
18 |   tx_RSmessage<9:0> as described in 149.3.2.2.15 then this function    |
19 |   can return any arbitrary value." |
20 | with                               |
21 | "rs                                 |
22 |   This function takes the 14 OAM data symbols as its argument and      |
23 |   returns the 2 parity symbols as defined in 149.3.9.2.13. If all 16   |
24 |   symbols of the OAM frame are embedded in tx_RSmessage<3259:3250> as  |
25 |   described in 149.3.2.2.17 then this function can return any         |
26 |   arbitrary value.                |
27 |                                     |
28 |   tx_oam<15:14> = rs(tx_oam<13:0>)" <-- this line in italics         |
29 |                                     |
30 | RATIONALE FOR REVISION:           |
31 | This change will make it clear exactly what the input and output      |
32 | arguments are. Additionally, the bit and section references for        |
33 | tx_RSmessage are incorrect; according to 149.3.2.2.17 the correct bits  |
34 | are 3259:3250.                   |
35 |                                     |
36 | IMPACT ON EXISTING NETWORKS:      |
37 | None.                             |
38 |                                     |
39 | +-----+
40 | |Please attach supporting material, if any                               |
41 | |Submit to:-   David Law, Chair IEEE 802.3                             |
42 | |and copy:-    Adam Healey, Vice-Chair IEEE 802.3                       |
43 | |                                                     |
44 | |At:-          E-Mail: stds-802-3-maint-req@ieee.org                   |
45 | |                                                     |
46 | |               +----- For official use -----+                   |
47 | |   REV REQ NUMBER: 1463                                               |
48 | |   DATE RECEIVED: 04 October 2024                                     |
49 | |   EDITORIAL/TECHNICAL                                               |
50 | |   ACCEPTED/DENIED                                                    |
51 | |   BALLOT REQ'D   YES/NO                                             |
52 | |   COMMENTS:                                                       |
53 | | +-----+
54 | | For information about this Revision Request see -                   |
55 | | http://www.ieee802.org/3/maint/requests/revision\_history.html#REQ1463 |
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57 |

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