

```

1  +-----+
2  |                                     |
3  +-----+
4  DATE: 3rd April 2024
5  NAME: Keiichiro Sano
6  COMPANY/AFFILIATION: Renesas Electronics
7  E-MAIL: keiichiro.sano.zy@renesas.com
8
9  REQUESTED REVISION: IEEE802.3-2022
10     STANDARD: IEEE Standard for Ethernet
11     CLAUSE NUMBER: 46.3.4.3
12     CLAUSE TITLE: State diagram
13     PROPOSED REVISION TEXT:
14
15     COUNT
16     seq_cnt++
17     col_cnt <= 0
18     last_seq_type <= seq_type
19
20     fault_sequence *
21     seq_cnt < 3 *
22     seq_type = last_seq_type
23
24     !fault_sequence * col_cnt > 127
25
26     FAULT
27     col_cnt <= 0
28     link_fault <= seq_type
29
30     fault_sequence *
31     seq_type = last_seq_type
32
33     !fault_sequence * col_cnt > 127
34
35     fault_sequence *
36     seq_type ≠ last_seq_type
37
38     Figure 46-11--Link fault signaling state diagram
39
40     RATIONALE FOR REVISION:
41
42     COUNT
43     seq_cnt++
44     col_cnt <= 0
45     last_seq_type <= seq_type
46
47     fault_sequence *
48     seq_cnt < 3 *
49     seq_type = last_seq_type
50
51     (Delete arrow with "!fault_sequence * col_cnt > 127")
52
53     FAULT
54     col_cnt++
55     link_fault <= seq_type
56
57     fault_sequence *

```

```

1  seq_type = link_fault
2
3  !fault_sequence * col_cnt > 127
4
5  fault_sequence *
6  seq_type ≠ link_fault
7
8  Figure 46-11--Link fault signaling state diagram
9
10 IMPACT ON EXISTING NETWORKS:
11
12 Nothing.
13
14 +-----+
15 |Please attach supporting material, if any|
16 |Submit to:- David Law, Chair IEEE 802.3|
17 |and copy:- Adam Healey, Vice-Chair IEEE 802.3|
18 |
19 |At:- E-Mail: stds-802-3-maint-req@ieee.org|
20 |
21 |          +----- For official use -----+
22 |          | REV REQ NUMBER: 1429          |
23 |          | DATE RECEIVED: 02 April 2024  |
24 |          | EDITORIAL/TECHNICAL          |
25 |          | ACCEPTED/DENIED              |
26 |          | BALLOT REQ'D YES/NO          |
27 |          | COMMENTS:                    |
28 +-----+
29 | For information about this Revision Request see -|
30 |http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1429|
31 +-----+

```