

1 +-----+
2 | 8802-3/802.3 REVISION REQUEST |
3 +-----+
4
5 DATE: 05-Nov-2016
6 NAME: David Law
7 COMPANY/AFFILIATION: Hewlett Packard Enterprise
8 E-MAIL: dlaw@hpe.com
9
10 REQUESTED REVISION:
11 STANDARD: IEEE Std 802.3-2015
12 CLAUSE NUMBER: Various
13 CLAUSE TITLE: Various
14 PROPOSED REVISION TEXT:
15
16 Change the instances 'Table 36-1a' to read 'Table 36-1a-e' listed below.
17 Alternatively change them, and all instances of 'Table 36-1a-e' to read
18 'Table 36-1'.
19
20 RATIONALE FOR REVISION:
21
22 In subclause 36.2.4.6 'Checking the validity of received code-groups'
23 it is stated that 'The column in Table 36-1a and Table 36-2
24 corresponding to the current value of the receiver's running
25 disparity is searched for the received code-group.' and that 'If the
26 received code-group is not found in that column, then the code-group is
27 considered invalid.'. This doesn't seem correct as Table 36-1a through
28 Table 36-1e are all titled 'Valid data code-groups'. This is one of a
29 number of instances in IEEE Std 802.3-2016 where Table 36-1a is
30 referenced where it seems that Table 36-1a-e should be. The full list
31 of where I believe 'Table 36-1a' should be changed to read 'Table
32 36-1a-e' is:
33
34 Subclause 36.2.4.3:
35 'Table 36-1a defines the valid data code-groups ...'.
36 Subclause 36.2.4.5:
37 'The appropriate entry in either Table 36-1a or Table 36-2 is found ...'
38 Subclause 36.2.4.5:
39 'The column in Table 36-1a and Table 36-2 ...'.
40 Subclause 36.2.5.1.3:
41 'tx_code-group<9:0> ... specified in Tables 36-1a or 36-2 ...'.
42 Subclause 36.2.5.1.4:
43 'ENCODE(x) ... ten-bit code-group per Table 36-1a.'
44 Table 36B-1, note b:
45 '... in either Table 36-1a or Table 36-2 ...'.
46 Table 36B-3, note d:
47 '...not found in either Table 36-1a or Table 36-2.'
48 Subclause 48.2.6.1.2:
49 '/D/ ... and listed in Table 36-1a.'
50 Subclause 65.2.2.2.1:
51 'tx_code-group ... as specified in Table 36-1a or Table 36-2 ...'.
52 Subclause 65.2.3.4.4:
53 'tx_code-group<9:0> ... as specified in Table 36-1a or Table 36-2 ...'.
54 Subclause 65.2.3.4.5:
55 'ENCODE(x) ... the corresponding ten-bit code-group per Table 36-1a.'
56
57 I believe 'Table 36-1a-e' is used elsewhere with the following

1 exception. Subclause 48.2.6.1.2 in its definition of /Dx.y/ and
2 subclause 48.2.6.1.4 in its definition of ENCODE(TX) reference just
3 'Table 36-1'. Subclause 65.2.2.2.1 'Variables' in its definition of
4 dtx_code-group and subclause 65.2.3.4.4 'Variables' in its definition
5 of ftx_code-group<9:0> both use the construct '... as specified in
6 Tables 36-1a through 36-2 ...'.
7
8

9 IMPACT ON EXISTING NETWORKS:

10 None, this is a correction to the cross-references.
11
12
13

14 +-----+
15 |Please attach supporting material, if any|
16 |Submit to:- David Law, Chair IEEE 802.3|
17 | E-Mail: David_Law@ieee.org|
18 |
19 | +----- For official 802.3 use -----+
20 | REV REQ NUMBER: 1302|
21 | DATE RECEIVED: 5th November, 2016|
22 | EDITORIAL/TECHNICAL|
23 | ACCEPTED/DENIED|
24 | BALLOT REQ'D YES/NO|
25 | COMMENTS:|
26 +-----+
27 | For information about this Revision Request see -
28 | http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1302|
29 +-----+