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2 | REVISION REQUEST |  
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4 DATE: 25 May 2023  
5 NAME: Peter Stassar  
6 COMPANY/AFFILIATION: Huawei  
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9 REQUESTED REVISION:  
10 STANDARD: 802.3-2022  
11 CLAUSE NUMBER: 87 (and 88 and 122)  
12 CLAUSE TITLE: Physical Medium Dependent (PMD) sublayer and medium,  
13 type 40GBASE-LR4 and 40GBASE-ER41  
14  
15 PROPOSED REVISION TEXT:  
16 Measuring wavelength and SMSR.  
17 In several optical clauses, 87.8.3, 88.8.2, and 122.8.2, "and side mode  
18 suppression ratio (SMSR)" was added in the cj project to the "wavelength"  
19 subclause under subclause "Definition of optical parameters and  
20 measurement methods". In these subclauses compliance for SMSR is provided  
21 with reference to a certain table, which are all wavelength tables and  
22 not SMSR. SMSR is specified in the transmitter table.  
23  
24 This could be fixed as follows:  
25  
26 87.8.3: refer to Table 87-7 instead of 87-5.  
27  
28 88.8.2: refer to Table 88-7 instead of 88-5.  
29  
30 122.8.2:  
31 Change:  
32 The wavelength and SMSR of each optical lane shall be within the ranges  
33 given in Table 122-5 for 200GBASE-FR4, in Table 122-6 for 200GBASE-LR4  
34 and 200GBASE-ER4 and in Table 122-7 for 400GBASE-FR8, 400GBASE-LR8, and  
35 400GBASE-ER8, if measured per IEC 61280-1-3.  
36 To:  
37 The wavelength and SMSR of each optical lane shall be within the ranges  
38 given in Table 122-9 for 200GBASE-FR4, 200GBASE-LR4, and 200GBASE-ER4 and  
39 in Table 122-10 for 400GBASE-FR8, 400GBASE-LR8, and 400GBASE-ER8, if  
40 measured per IEC 61280-1-3.  
41  
42 RATIONALE FOR REVISION:  
43 In several optical clauses, 87.8.3, 88.8.2, and 122.8.2, "and side mode  
44 suppression ratio (SMSR)" was added in the cj project to the "wavelength"  
45 subclause under subclause "Definition of optical parameters and  
46 measurement methods". In these subclauses compliance for SMSR is provided  
47 with reference to a certain table, which are all wavelength tables and  
48 not SMSR. SMSR is specified in the transmitter table.  
49  
50 IMPACT ON EXISTING NETWORKS:  
51  
52 None.  
53  
54

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2 |Please attach supporting material, if any
3 |Submit to:- David Law, Chair IEEE 802.3
4 |and copy:- Adam Healey, Vice-Chair IEEE 802.3
5 |
6 |At:- E-Mail: stds-802-3-maint-req@ieee.org
7 |
8 | +----- For official use -----+
9 | | REV REQ NUMBER: 1406
10 | | DATE RECEIVED: 26 May 2023
11 | | EDITORIAL/TECHNICAL
12 | | ACCEPTED/DENIED
13 | | BALLOT REQ'D YES/NO
14 | | COMMENTS:
15 +-----+
16 | For information about this Revision Request see -
17 | http://www.ieee802.org/3/maint/requests/revision\_history.html#REQ1406
18 +-----+
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