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4  | DATE: 10/1/2020                    |
5  | NAME: Steve Gorshe                 |
6  | COMPANY/AFFILIATION: Microchip Technology |
7  | E-MAIL: steve.gorshe@microchip.com  |
8  |                                     |
9  | REQUESTED REVISION:                |
10 |   STANDARD: 802.3-2018              |
11 |   CLAUSE NUMBER: 82                 |
12 |   CLAUSE TITLE: Physical Coding Sublayer (PCS) for the 64B/66B type |
13 | 40GBASE-R and 100GBASE-R           |
14 | PROPOSED REVISION TEXT: Change footnote (a) of Table 82-1 to read |
15 | "INCITS T11 Fibre Channel uses O code 0x5C for the Signal ordered set. |
16 | OIF uses O code 0x5 for the FlexE [B58] ordered set. ITU-T uses O code |
17 | 0xC for the G.8312 [Bx] MTN Path ordered set." Add a bibliographical |
18 | reference to "ITU-T G.8312 Interfaces for the metro transport network" |
19 | in Annex A.                         |
20 |                                     |
21 | RATIONALE FOR REVISION: ITU-T SG15 sent communicated their intention |
22 | to use this O code value in a Sept. 2020 liaison to IEEE 802.3. The |
23 | liaison indicated that 802.3 could expect an associated maintenance |
24 | request. The ITU-T draft Recommendation text was attached in |
25 | https://www.ieee802.org/3/private/liaison_docs/itu/0920_SG15-LS269-att- |
26 | TD568R1.docx.                       |
27 |                                     |
28 | IMPACT ON EXISTING NETWORKS: None. The revision would document an |
29 | ordered set O code used on ITU-T defined MTN PHYs, similar to the |
30 | Fibre Channel "signal ordered set" that is not expected to be |
31 | received on an Ethernet interface. Receiving that ordered set is an |
32 | error today, and would still be an error after the change. The |
33 | change would only alert future 802.3 projects of the ITU-T use of |
34 | the code to allow this to be taken into consideration if a future |
35 | IEEE 802.3 project needs to define a new type of ordered set. |
36 |                                     |
37 |                                     |
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39 | |Please attach supporting material, if any |
40 | |Submit to:- David Law, Chair IEEE 802.3 |
41 | |and copy:- Adam Healey, Vice-Chair IEEE 802.3 |
42 | | |
43 | |At:- E-Mail: stds-802-3-maint-req@ieee.org |
44 | | |
45 | | +----- For official use -----+ |
46 | | | REV REQ NUMBER: 1381 |
47 | | | DATE RECEIVED: 01 October 2020 |
48 | | | EDITORIAL/TECHNICAL |
49 | | | ACCEPTED/DENIED |
50 | | | BALLOT REQ'D YES/NO |
51 | | | COMMENTS: |
52 | | +-----+ |
53 | | For information about this Revision Request see - |
54 | | http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1381 |
55 | | +-----+ |

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