

```

1  +-----+
2  |                8802-3/802.3 REVISION REQUEST                |
3  +-----+
4
5  DATE:                11/20/2015
6  NAME:                Steve Trowbridge
7  COMPANY/AFFILIATION: Alcatel-Lucent
8  E-MAIL:              steve.trowbridge@alcatel-lucent.com
9
10 REQUESTED REVISION:
11   STANDARD:          802.3-2015
12   CLAUSE NUMBER:    82
13   CLAUSE TITLE:     Physical Coding Sublayer (PCS) for 64B/66B, type
14                     40GBASE-R and 100GBASE-R
15
16 PROPOSED REVISION TEXT: Add footnote to Table 82-1 "OIF uses O code 0x5
17 for the FlexE [Bx] ordered set". Add a bibliographical reference to "OIF
18 FLEXE-01.0 FlexE Implementation Agreement" in Annex A.
19
20 RATIONALE FOR REVISION: IEEE 802.3 has informed OIF that this maintenance
21 request would be submitted. See
22 http://ieee802.org/3/minutes/nov15/outgoing/IEEE\_802d3\_to\_OIF\_1115\_draft.
23 pdf.
24
25 IMPACT ON EXISTING NETWORKS: None. The revision would document an
26 ordered set O code used on OIF defined FlexE PHYs, similar to the
27 Fibre Channel "signal ordered set" that is not expected to be
28 received on an Ethernet interface. Receiving that ordered set is an
29 error today, and would still be an error after the change. The change
30 would only alert future 802.3 projects of the OIF's use of the code
31 to allow this to be taken into consideration if a future IEEE 802.3
32 project needs to define a new type of ordered set.
33
34 +-----+
35 |Please attach supporting material, if any|
36 |Submit to:- David Law, Chair IEEE 802.3|
37 |and copy:- Adam Healey, Vice-Chair IEEE 802.3|
38 |
39 |At:- E-Mail: stds-802-3-maint-req@ieee.org|
40 |
41 |                +----- For official 802.3 use -----+
42 |                | REV REQ NUMBER: 1291                    |
43 |                | DATE RECEIVED: 20-Nov-15                |
44 |                | EDITORIAL/TECHNICAL                     |
45 |                | ACCEPTED/DENIED                         |
46 |                | BALLOT REQ'D      YES/NO                 |
47 |                | COMMENTS:                                |
48 +-----+
49 | For information about this Revision Request see -|
50 | http://www.ieee802.org/3/maint/requests/revision\_history.html#REQ1291 |
51 +-----+
52

```