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2 | 8802-3/802.3 REVISION REQUEST |  
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4 DATE: 9 September 2016  
5 NAME: Robert M. Grow  
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9 REQUESTED REVISION:  
10 STANDARD: IEEE Std 802.3-2015 as amended  
11 CLAUSE NUMBER: 1 (subclause 1.3)  
12 CLAUSE TITLE: Introduction (1.3 Normative references)  
13

14 PROPOSED REVISION TEXT:  
15  
16 During the next revision, sort references using IEEE 802.3 enhanced  
17 IEEE character-by-character sort order  
18 (.0123456789abcdefghijklmnopqrstuvwxy).  
19  
20 Order errors in the document IEEE Std 802.3-2015 include:  
21 1. ANSI X3.230 and ANSI X3.263 should come after all of the ANSI/TIA  
22 references (ansit comes before ansix).  
23 2. ISO/IEC 8802-2 should follow ISO/IEC 7498-4.  
24 3. The eight five-digit ISO/IEC references violate IEEE sort order (they  
25 all begin with the digit 1). A character-by-character sort places them  
26 at the beginning of the ISO/IEC references.  
27

28 RATIONALE FOR REVISION:  
29  
30 ≈It is appropriate to use a consistent sort order in all alphanumeric  
31 ordered lists. It has long been assumed that this subclause is in  
32 alphanumeric order.  
33

34 IMPACT ON EXISTING NETWORKS:  
35  
36 None.  
37

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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 802.3 use -----+ |
9  | | REV REQ NUMBER: 1296 | |
10 | | DATE RECEIVED: 9th September, 2016 | |
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#REQ1296 |
18 | +-----+
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