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|                     8802-3/802.3 REVISION REQUEST                |
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DATE:                19th November, 2015
NAME:                Valerie Maguire
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REQUESTED REVISION:
  STANDARD:          802.3-2012
  CLAUSE NUMBER:     25.4.10
  CLAUSE TITLE:      Replacement of 11.2, "Crossover function"


PROPOSED REVISION TEXT:


A crossover function compliant with 14.5.2 shall be implemented except
that a) the signal names are those used in TP-PMD, and b) the contact
assignments for 150 ohm Type 1 STP are those shown in Table 8-2 of TP-
PMD. Note that compliance with 14.5.2 implies a recommendation that
crossover (for both UTPbalanced twisted-pair and 150 ohm Type 1 STP) be
performed within repeater PHYs.


RATIONALE FOR REVISION: I believe that "STP" used in this context refers
to 150 ohm Type 1 cable, as opposed to shielded 100 ohm balanced twisted-
pair cable. To avoid confusion, clarification text should be added as
shown.


IMPACT ON EXISTING NETWORKS: None


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|Please attach supporting material, if any                          |
|Submit to:-   David Law, Chair IEEE 802.3                          |
|and copy:-    Adam Healey, Vice-Chair IEEE 802.3                   |
|                                                                   |
|At:-          E-Mail: stds-802-3-maint-req@ieee.org                |
|                                                                   |
|             +------- For official 802.3 use -----------+         |
|             | REV REQ NUMBER: 1290                      |         |
|             | DATE RECEIVED: 19-Nov-15                  |         |
|             | EDITORIAL/TECHNICAL                       |         |
|             | ACCEPTED/DENIED                           |         |
|             | BALLOT REQ'D    YES/NO                    |         |
|             | COMMENTS:                                 |         |
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| For information about this Revision Request see -                 |
|http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1290 |
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