DATE: 30th May, 2017
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REQUESTED REVISION:
STANDARD: 802.3-201x
CLAUSE NUMBER: 33.4.9.1.4
CLAUSE TITLE: “Connector” or “telecom outlet” Midspan PSE device
transmission requirements

PROPOSED REVISION TEXT:
Replacing the work area or equipment cable with a cable that includes a
Midspan PSE should not alter the requirements of the cable. This cable
Midspan PSE replaces an element in a link segment and shall meet the
requirements of this clause and the specifications for a Category 5
(jumper) cord as specified in ISO/IEC11801:2002 or ANSI/TIA-568-C.2 for
insertion loss, NEXT, and return loss for the transmit and receive pairs.

RATIONALE FOR REVISION: An explanation of Midspan PSE and how it is
implemented within a link segment is needed. Align with the resolution to
comment #119 against the draft 2.4 Working Group ballot recirculation of
P802.3bt. I believe that this change can be implemented as part of the
802.3bt revision project.

IMPACT ON EXISTING NETWORKS: None

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 information about this Revision Request see -
http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1310