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| 8802-3/802.3 REVISION REQUEST 1273 |
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DATE: 9th Feb, 2015
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REQUESTED REVISION:
STANDARD: 802.3-2012
CLAUSE NUMBER: 33
CLAUSE TITLE: Data Terminal Equipment (DTE) Power via Media
Dependent Interface (MDI)

PROPOSED REVISION TEXT:
Change: The Power Interface (PI) is the generic term that refers to the
mechanical and electrical interface between the PSE or PD and the
transmission medium.
To: The Power Interface (PI) is the mechanical and electrical interface
between the Power Sourcing Equipment (PSE) or Powered Device (PD) and the
transmission medium as defined in 1.4.324 (1.4.336 in P802.3bx/D2.0). In
an Endpoint PSE and in a PD the Power Interface is the MDI as defined in
1.4.256 (1.4.268 in P802.3bx/D2.0)

RATIONALE FOR REVISION:
Text in the existing standard is ambiguous and is inconsistent with the
more precise definition in the definitions section. The imprecise
language "generic term" does not point to a specific interface point
necessary for the specifications attached to the PI, including a pin-out.
In contrast the language in the definitions section is more precise.

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 |
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| +----- For official 802.3 use -----+ |
| REV REQ NUMBER: 1273 |
| DATE RECEIVED: 9th Feb, 2015 |
| EDITORIAL/TECHNICAL |
| ACCEPTED/DENIED |
| BALLOT REQ'D YES/NO |
| COMMENTS: XX-Xxx-XX Ver: D1.0 Status: R |
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| For information about this Revision Request see - |
| http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1273 |
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