DATE: 13th November, 2002
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REQUESTED REVISION:
STANDARD: IEEE Std. 802.3-2002
CLAUSE NUMBER: 40.4.5.1
CLAUSE TITLE: State diagram variables

PROPOSED REVISION TEXT:
See IEEE P802.3aj draft.

RATIONALE FOR REVISION:
There is nothing to prevent the switching form MDI to MDIX or vice-versa when the link becomes up (Pass). This is due to the fact that T_pulse becomes false when the link is up (AN stop transmitting FLPs) and Link_det becomes false as well because the link_status is equal to OK (not READY).

IMPACT ON EXISTING NETWORKS:
If the state machine was implemented as currently specified switching form MDI to MDIX or vice-versa when the link becomes up would occur. This change prevents this from occurring.

Note this request is being submitted in response to Interpretation request 3-11/02.


Please attach supporting material, if any
Submit to:- Bob Grow, Chair IEEE 802.3
E-Mail: Bob.Grow@intel.com

For information about this Revision Request see -
http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1104