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| 8802-3/802.3 REVISION REQUEST 1104 |
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DATE: 13th November, 2002
NAME: Dan Dove
COMPANY/AFFILIATION: HP
E-MAIL: dan.dove@hp.com

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.

URL - <http://www.ieee802.org/3/interp/interp-3-1102.pdf>

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| Please attach supporting material, if any |
| Submit to:- Bob Grow, Chair IEEE 802.3 |
| E-Mail: Bob.Grow@intel.com |
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| +----- For official 802.3 use -----+ |
| REV REQ NUMBER: 1104 |
| DATE RECEIVED: 13th November, 2002 |
| ~~EDITORIAL/TECHNICAL~~ |
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| For information about this Revision Request see - |
| http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1104 |
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