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| 8802-3/802.3 REVISION REQUEST 1146 |
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DATE: 21st May, 2004
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REQUESTED REVISION:
STANDARD: IEEE Std 802.3-2002
CLAUSE NUMBER: Figure 14-3
CLAUSE TITLE: MAU state diagrams

PROPOSED REVISION TEXT:

For both 14-3 a) and 14-3 b), change text from "RD = active" to "RD = active * rcv = enable" by adding text "rcv = enable".

RATIONALE FOR REVISION:

In Figure 14-6 - Link Integrity Test function state diagram, the variables xmit, rcv, and lpbk are enabled and disabled. However, there is no use made of variable "rcv".

This variable needs to be used in Figure 14-3 a) and b) to qualify transition from state "IDLE" to state "INPUT" for receive frames such that frames on the receive path are blocked when the link is disabled. Note that if link pulses are initially absent, the first incoming frame is dropped, and the link is then set to enabled.

All of the UNH-IOL tests and the 10BASE-T conformance document require that the link be placed in the link pass state (which assumes that variable rcv = enable) before the MAU passes frames to the MAC.

IMPACT ON EXISTING NETWORKS:

Editorial change only.

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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: 1146 |
| DATE RECEIVED: 21st May, 2004 |
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| For information about this Revision Request see - |
| http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1146 |
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