

8802-3/802.3 REVISION REQUEST

DATE: 30th August, 2000
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REQUESTED REVISION:
STANDARD: IEEE Std 802.3ab-1999
CLAUSE NUMBER: Figure 40-9
CLAUSE TITLE:

PROPOSED REVISION TEXT:

On the upper right and side, exiting the SSD1 VECTOR state, the path to the SSD2 VECTOR, ERROR state is not labeled. It should be labeled "STD * tx_error = TRUE"

RATIONALE FOR REVISION:

There are two paths exiting the SSD1 VECTOR state. The path to the SSD2 VECTOR state is taken when STD * tx_error = FALSE. Therefore, the path to the SSD2 VECTOR, ERROR state should be taken when STD * tx_error = TRUE, and should be so labeled. If the path is left unlabeled, it may be interpreted as an unconditional transition, which would be incorrect and inconsistent.

IMPACT ON EXISTING NETWORKS:

Almost certainly none. It is very likely that all current implementations are already implicitly assuming the labeling.

Please attach supporting material, if any
Submit to:- Geoffrey O. Thompson, Chair IEEE 802.3
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REV REQ NUMBER: 1055
DATE RECEIVED: 1st September 2000
EDITORIAL/~~TECHNICAL~~
ACCEPTED/~~DENIED~~
BALLOT REQ'D ~~YES~~/NO
COMMENTS: Published IEEE Std 802.3-2002

For information about this Revision Request see -
http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1055