

8802-3/802.3 REVISION REQUEST

DATE: 7th July, 2000
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REQUESTED REVISION:
STANDARD: IEEE Std 802.3ab-1999
CLAUSE NUMBER: 40C.2.1 and Figure 40C-2
CLAUSE TITLE: Auto-Negotiation Transmit state machine add-on
for 1000BASE-T

PROPOSED REVISION TEXT:

In Figure 40C-2 make a transition from WAIT3 directly to
Flp_Link_Good_Check with the following conditions:
rx_link_code_word[NP]=0 * mr_bp[NP]=0 * mr_page_rx=true *
ack_finished=true.

To be precise, rx_link_code_word[NP]=1 should be added to the transition
conditions between WAIT3 and 1000T_NULL_TX.

RATIONALE FOR REVISION:

The WAIT3 state does not have an exit directly to Flp_Link_Good_Check.
There will be circumstances in which a device will not have to transmit a
null message page.

IMPACT ON EXISTING NETWORKS:

None. This change is to an informative Annex and therefore will have no
effect on equipment compliance. Equipment manufactured using this
change will interoperate with existing equipment.

Please attach supporting material, if any
Submit to:- Geoffrey O. Thompson, Chair IEEE 802.3
Nortel Networks, Inc. M/S SC5-02
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+----- For official 802.3 use -----+
REV REQ NUMBER: 1045
DATE RECEIVED: 7th July, 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#REQ1045

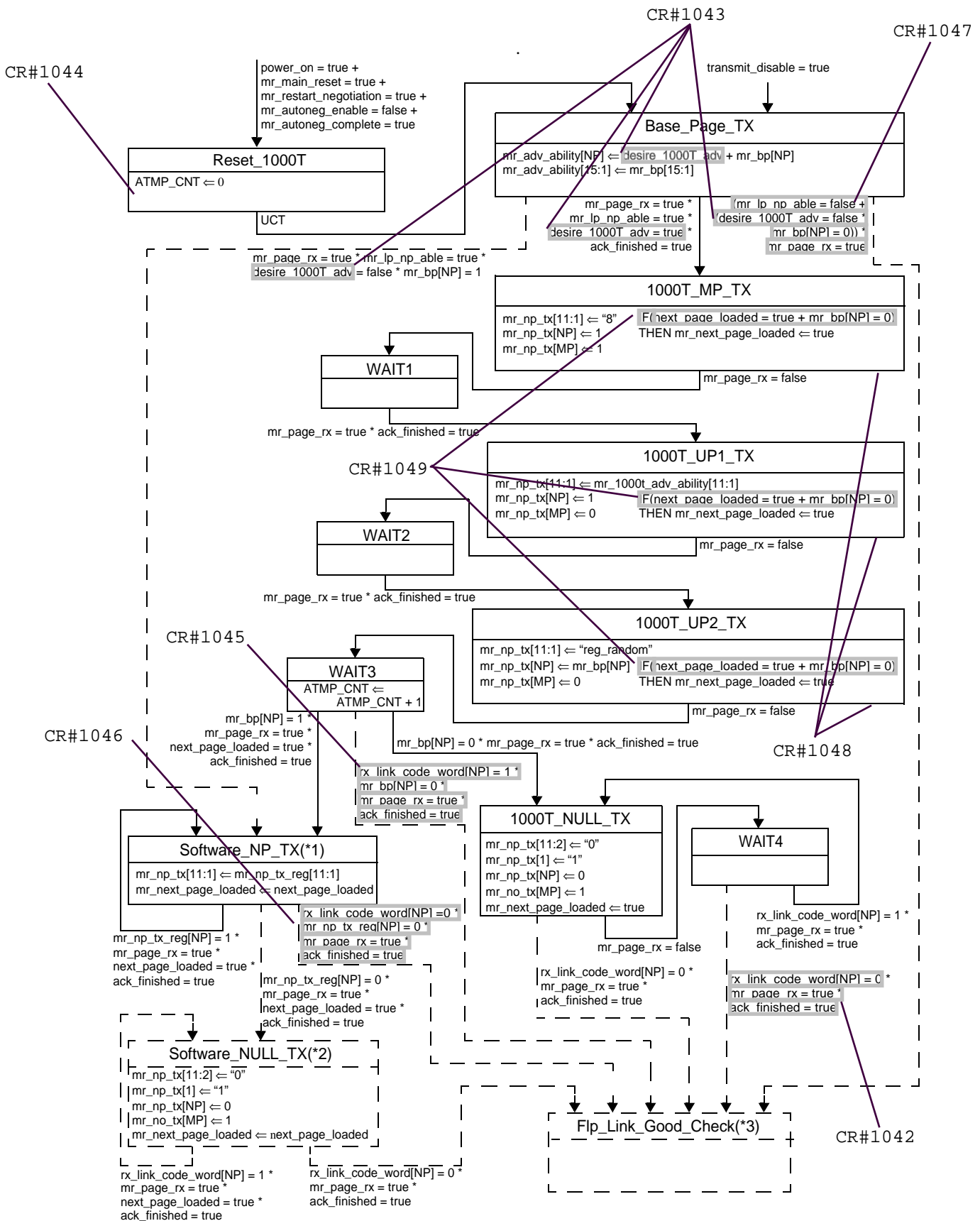


Figure 40C-2 as modified by Revision requests 1042 to 1049 - Changes annotated