REQUEST 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 Software_NP_TX directly to Flp_Link_Good_Check with the following conditions:
rx_link_code_word[NP]=0 * mr_np_tx_reg[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 Software_NP_TX and Software_NULL_TX.

RATIONALE FOR REVISION:

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