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| 8802-3/802.3 REVISION REQUEST |
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DATE: 7th July, 2000
NAME: Ben Schultz
COMPANY/AFFILIATION: UNH InterOperability Lab
ADDRESS: Univ of New Hampshire
Durham, NH
PHONE: (603) 862-3332
FAX: (603) 862-1915
E-MAIL: schultz@iol.unh.edu

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:

To be consistent with Figure 28-16, I suggest
the transition from the Base_Page_TX state to the
Flp_Link_Good_Check state in Figure 40C-2 should read:

```
(mr_lp_np_able=false + (1000T_capable=false * mr_bp[NP]=0)) *  
mr_page_rx=true
```

RATIONALE FOR REVISION:

The transition from Base_Page_TX to Flp_Link_Good_Check should not be true
until a device goes through the COMPLETE ACKNOWLEDGE state (Figure 28-16,
Arbitration state diagram). In this state mr_page_rx gets set to
true. With the current transition conditions, if a device has
1000T_capable=false * mr_bp[NP]=0, it can transition directly to
Flp_Link_Good_Check.

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.

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| Please attach supporting material, if any
| Submit to:- Geoffrey O. Thompson, Chair IEEE 802.3
| Nortel Networks, Inc. M/S SC5-02
| 4401 Great America Parkway
| P. O. Box 58185
| Santa Clara, CA 95052-8185 USA
| Phone: +1 408 495 1339 FAX: 988 5525
| E-Mail: gthompso@nortelnetworks.com
|
| +----- For official 802.3 use -----+
| REV REQ NUMBER: 1047
| DATE RECEIVED: 7th July, 2000
| ~~EDITORIAL/TECHNICAL~~
| ACCEPTED/~~DENIED~~
| BALLOT REQ'D YES/~~NO~~
| COMMENTS: Published IEEE Std 802.3-2002
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| For information about this Revision Request see -
| http://www.ieee802.org/3/maint/requests/revision_history.html#REQ1047
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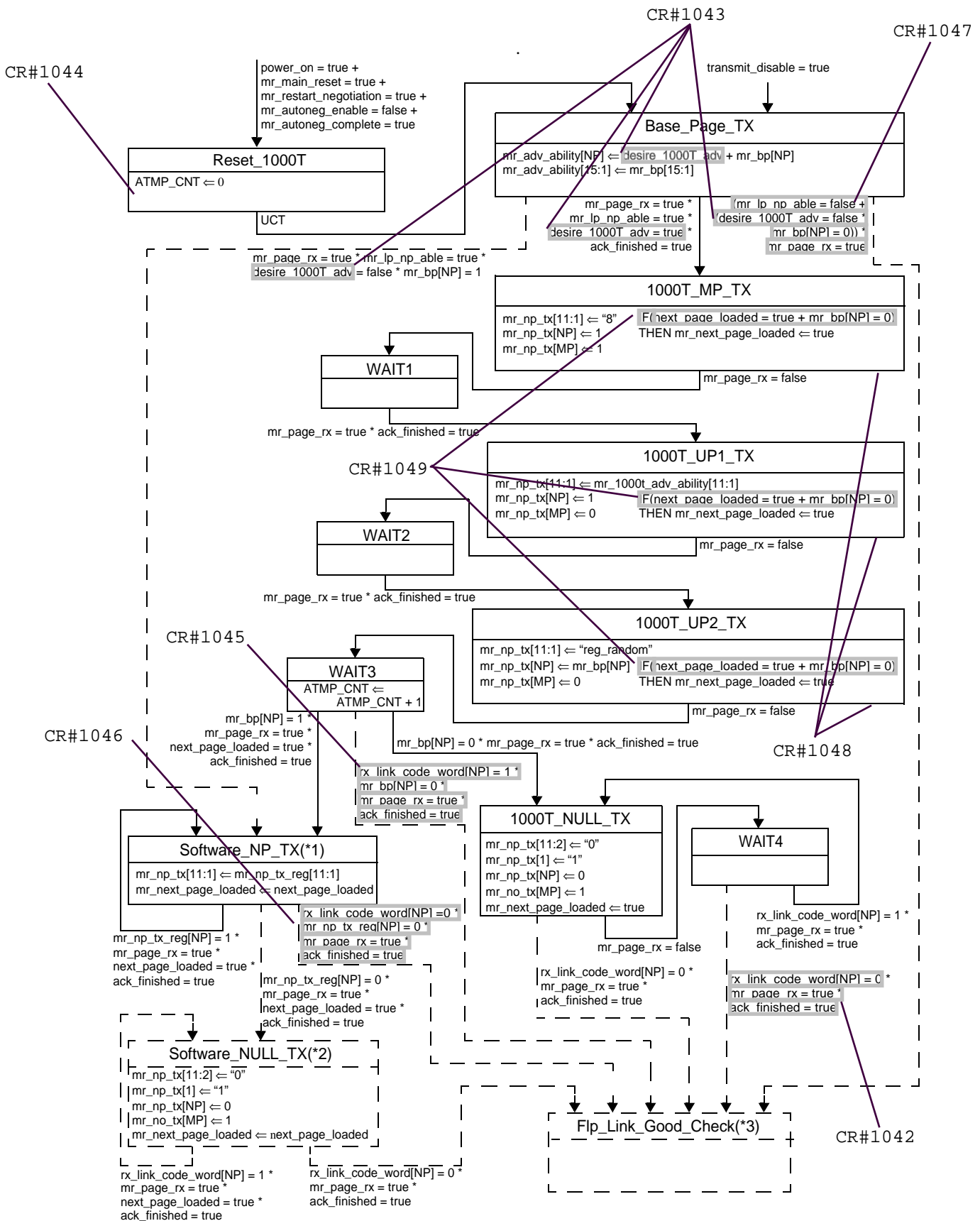


Figure 40C-2 as modified by Revision requests 1042 to 1049 - Changes annotated