

8802-3/802.3 REVISION REQUEST

DATE: 30th August, 2000
NAME: Vivek Telang
COMPANY/AFFILIATION: Cicada Semiconductor, Inc.
ADDRESS: 811 Barton Springs Road, Suite 550
Austin, TX 78704

PHONE: (512) 327-3500 x114
FAX: (512) 327-3550
E-MAIL: vivek@cicada-semi.com

REQUESTED REVISION:
STANDARD: IEEE Std 802.3ab-1999
CLAUSE NUMBER: 40.6.1.1.2
CLAUSE TITLE: Test modes

PROPOSED REVISION TEXT:

In paragraph 6 beginning with "When test mode 3 is enabled ...", the text "from a 125 MHz +/- 1% clock" should be replaced by "from a 125.00 MHz +/- 0.01% clock"

RATIONALE FOR REVISION:

In all the other references to the transmit clock in the Standard, the specification for the frequency is 125.00 MHz +/- 0.01%. It is very unlikely that it was intended to specify a +/- 1% frequency variation in this instance.

IMPACT ON EXISTING NETWORKS:

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

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: gthomps@nortelnetworks.com

----- For official 802.3 use -----
REV REQ NUMBER: 1056
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#REQ1056