IEEE Std 802.3™-2002
(Revision of IEEE Std 802.3-2000 Edition)

Corrections to

**Information technology—
Telecommunications and information exchange between systems—
Local and metropolitan area networks—
Specific requirements—**

Part 3: Carrier sense multiple access with collision detection (CSMA/CD) access method and physical layer specifications

Sponsor

LAN/MAN Standards Committee

of the

IEEE Computer Society

Correction Sheet
Issued 29 June 2004

IEEE Std 802.3-2002 Section 3: page 50: subclause 36.2.5.1.3 Variables.

cgbad

Alias for the following terms: ((rx_code-groupŒ/INVALID/) + (rx_code-group=/COMMA/ *rx_even=TRUE)) * PMA_UNITDATA.indicate

should read

cgbad

Alias for the following terms: ((rx_code-group∈/INVALID/) + (rx_code-group=/COMMA/ *rx_even=TRUE)) * PMA_UNITDATA.indicate

IEEE Std 802.3-2002 Section 3: page 50: subclause 36.2.5.1.3 Variables.

cggood

Alias for the following terms: !((rx_code-group Œ/INVALID/) + (rx_code-group=/COMMA/ *rx_even=TRUE)) * PMA_UNITDATA.indicate

should read

cggood

Alias for the following terms: !((rx_code-group∈/INVALID/) + (rx_code-group=/COMMA/ *rx_even=TRUE)) * PMA_UNITDATA.indicate

IEEE Std 802.3-2002 Section 3: page 54: subclause 36.2.5.1.4 Functions.

VOID(x)

x Œ/D/, /T/, /R/, /K28.5/. Substitutes /V/ on a per code-group basis as requested by the GMII.

should read

VOID(x)

x ∈/D/, /T/, /R/, /K28.5/. Substitutes /V/ on a per code-group basis as requested by the GMII.

IEEE Std 802.3-2002 Section 3: page 360: 40C.1 State variables.

Delete the following variable from 40C.1:

1000T_capable

This variable is used merely to show the local device is 1000Base-T capable. It is shown to illustrate the path that a non-1000Base-T device would take within the auto negotiation mechanism.

Insert the following variable in 40C.1 (this should be inserted in alphabetical order):

desire_1000T_adv

The local device desires a 1000BASE-T link.

Values: true; bit 9.8 or 9.9 do not contain a logic zero.
false; bits 9.8 and 9.9 both contain a logic zero.

IEEE Std 802.3-2002 Section 3: page 363: 40C-2 Auto-Negotiation Transmit state diagram add on for 1000BASE-T.

Change note 3 of Figure 40C-2

3—(Flp_Link_Good_Check) This is shown for illustration only. This state is from the Auto-Negotiation arbitration state diagram and indicates the conclusion of pages being sent. (The transition desire_1000T_adv = false is to show sequence for non 1000BASE-T implementations.)