

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

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Correction Sheet
Issued 1 May 2001

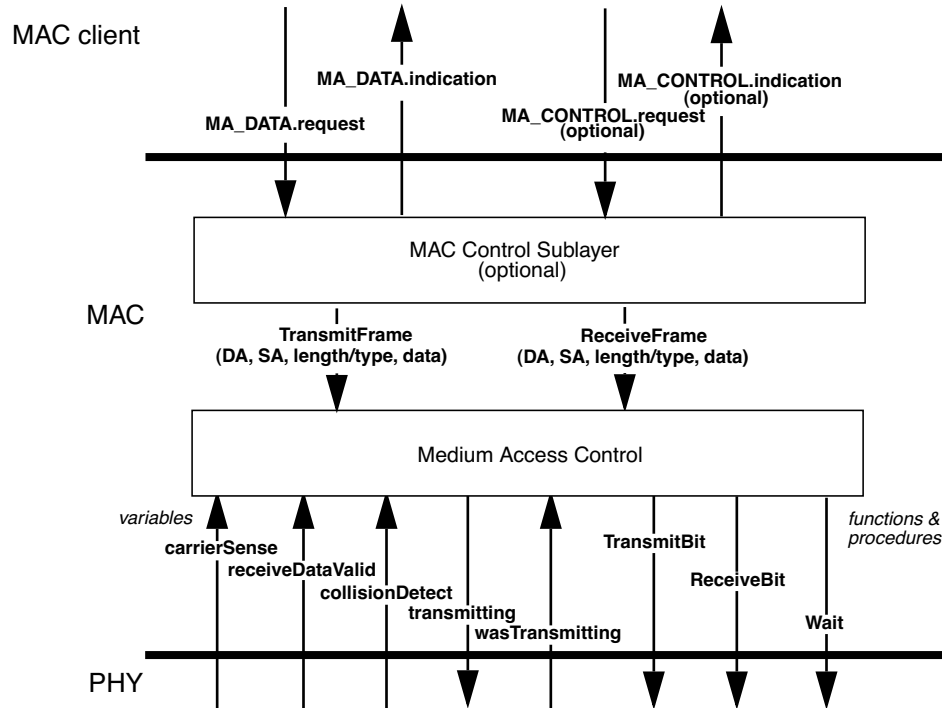
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The following corrections need to be made:

Page 34: Figure 2-2.

Replace Figure 2-2 with the following figure.



**Figure 2-2—Service specification primitive relationships
(optional MAC control sublayer implemented)**

NOTE—The deletion of the wasTransmitting arrow, restored by the above, has been proposed by an IEEE P802.3 Revision Request, (URL - http://www.ieee802.org/3/maint/requests/maint_1021.pdf) which is currently being balloted as part of IEEE P802.3ag Maintenance Ballot #6. This was published in IEEE Std 802.3, 2000 Edition in error.

Page 43: subclause 3.5.4, last sentence.

Delete the text “MAC Control frames shall not bear QTag Type field.”

NOTE—The text published in IEEE Std 802.3, 2000 Edition, removed by the above, has been proposed by an IEEE P802.3 Revision Request, (URL - http://www.ieee802.org/3/maint/requests/maint_1001.pdf) but is currently on hold in the IEEE P802.3 Maintenance Committee. This was published in IEEE Std 802.3, 2000 Edition in error.

Page 64: subclause 4.2.7.4, item b).

In the *var* list add the text “wasTransmitting: Boolean; {Indicates transmission in progress or just completed}” between the variable “transmitting” and “collisionDetect.”

NOTE—The deletion of the text, restored by the above, has been proposed by an IEEE P802.3 Revision Request, (URL - http://www.ieee802.org/3/maint/requests/maint_1003.pdf) which is currently on hold in the IEEE P802.3 Maintenance Committee. This was published in IEEE Std 802.3, 2000 Edition in error.

Page 110: Figure 7-5, “START” state.

[set output_in_progress]

should read

[set output_in_process]

NOTE—The text published in IEEE Std 802.3, 2000 Edition, replaced by the above, has been proposed by an IEEE P802.3 Revision Request, (URL - http://www.ieee802.org/3/maint/requests/maint_1035.pdf) which is currently on hold in the IEEE P802.3 Maintenance Committee. This was published in IEEE Std 802.3, 2000 Edition in error.

Page 143: subclause 8.2.3, last paragraph.

“When no state is asserted the messages *signal_quality_error*, *MAU_input_idle* are sent.”

should read

“When no state is asserted the messages *signal_quality_error*, *MAU_available* are sent.”

NOTE—The text published in IEEE Std 802.3, 2000 Edition, replaced by the above, has been proposed by an IEEE P802.3 Revision Request, (URL - http://www.ieee802.org/3/maint/requests/maint_1005.pdf) which is currently on hold in the IEEE P802.3 Maintenance Committee. This was published in IEEE Std 802.3, 2000 Edition in error.

Page 720: subclause 28.3.1, *ack_finished* definition.

The text “remaining *ack_cnt* Link Code Words”

should read

“remaining_ *ack_cnt* Link Code Words.”

Page 830: subclause 31.3, last sentence of sixth paragraph.

“MAC Control sublayer functions shall always sink MAC Control frames”

should read

“In addition to acting upon the MAC Control frame specific opcode, functions either sink or pass MAC Control frames to its client, as appropriate for the particular function.”

NOTE—The text published in IEEE Std 802.3, 2000 Edition, replaced by the above, has been proposed by an IEEE P802.3 Revision Request, (URL - http://www.ieee802.org/3/maint/requests/maint_1002.pdf) which is currently being balloted as part of IEEE P802.3ag Maintenance Ballot #6. This was published in IEEE Std 802.3, 2000 Edition in error.

Page 974: Replace Table 36–1e with

Table 36–1e—Valid data code-groups

Code Group Name	Octet Value	Octet Bits HGF EDCBA	Current RD –	Current RD +
			abcdei fghj	abcdei fghj
D16.7	F0	111 10000	011011 0001	100100 1110
D17.7	F1	111 10001	100011 0111	100011 0001
D18.7	F2	111 10010	010011 0111	010011 0001
D19.7	F3	111 10011	110010 1110	110010 0001
D20.7	F4	111 10100	001011 0111	001011 0001
D21.7	F5	111 10101	101010 1110	101010 0001
D22.7	F6	111 10110	011010 1110	011010 0001
D23.7	F7	111 10111	111010 0001	000101 1110
D24.7	F8	111 11000	110011 0001	001100 1110
D25.7	F9	111 11001	100110 1110	100110 0001
D26.7	FA	111 11010	010110 1110	010110 0001
D27.7	FB	111 11011	110110 0001	001001 1110
D28.7	FC	111 11100	001110 1110	001110 0001
D29.7	FD	111 11101	101110 0001	010001 1110
D30.7	FE	111 11110	011110 0001	100001 1110
D31.7	FF	111 11111	101011 0001	010100 1110
<i>(concluded)</i>				

Page 984: subclause 36.2.5.1.4, definition of the function VOID(x) should read

VOID(x)

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

If [TX_EN=FALSE * TX_ER=TRUE * TXD≠(0000 1111)],

then return /V/;

Else if [TX_EN=TRUE * TX_ER=TRUE],

then return /V/;

Else return x.

Page 1095: subclause 40.3.1.3.3, first line of first equation.

$Sx_n[3:0]$ if (tx_enable_{n-2}=1)

should read

$Sx_n[3:0]$ if (tx_enable_n=1)

NOTE—The text published in IEEE Std 802.3, 2000 Edition, replaced by the above, has been proposed by an IEEE P802.3 Revision Request, (URL - http://www.ieee802.org/3/maint/requests/maint_1030.pdf) which is currently being balloted as part of IEEE P802.3ag Maintenance Ballot #6. This was published in IEEE Std 802.3, 2000 Edition in error.

Page 1477: Figure 31B-2.

“(DA ≠ reserved_multicast_address + phys_Address)”

should read

“(DA ≠ (reserved_multicast_address + phys_Address))”

NOTE—The text published in IEEE Std 802.3, 2000 Edition removed by the above has been proposed by an IEEE P802.3 Revision Request, (URL - http://www.ieee802.org/3/maint/requests/maint_1023.pdf) which is currently on hold in the IEEE P802.3 Maintenance Committee. This was published in IEEE Std 802.3, 2000 Edition in error.