
8802-3/802.3 REVISION REQUEST

DATE: September 27, 2000
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REQUESTED REVISION:
STANDARD: IEEE Standard 802.3, 1998 Edition
CLAUSE NUMBER: 3
CLAUSE TITLE: Media access control frame structure

PROPOSED REVISION TEXT:

1. In sub-clause 3.1, first sentence, delete the "_" in "CSMA/CD_MAC".

The new sentence should read as follows:

"This clause defines in detail the frame structure for data communication systems using the CSMA/CD MAC."

2. In sub-clause 3.1.1, first sentence:

- Replace "of" with "or" between "length" and "protocol".
- Delete "the" between "that" and "contains".

The new sentence should read as follows:

"Figure 3-1 shows the nine fields of a frame: the preamble, Start Frame Delimiter (SFD), the addresses of the frame's source and destination, a length or type field to indicate the length or protocol type of the following field that contains the MAC client data, a field that contains padding if required, the frame check sequence field containing a cyclic redundancy check value to detect errors in a received frame, and an extension field if required (for 1000 Mb/s half duplex operation only)."

3. In sub-clause 3.2.1, replace "frame" with "frame's".

The new sentence should read as follows:

"The preamble field is a 7-octet field that is used to allow the PLS circuitry to reach its steady-state synchronization with the received frame's timing (see 4.2.5)."

RATIONALE FOR REVISION:

Intended to fix longstanding typos and style problems in the text.

Items 2 & 3 have been corrected in IEEE Std. 802.3-2000 but this request remains open as Item 1 remains open

IMPACT ON EXISTING NETWORKS:

None.

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| Please attach supporting material, if any
| Submit to:- Geoffrey O. Thompson, Chair IEEE 802.3
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+----- For official 802.3 use -----+
| REV REQ NUMBER: 1067
| DATE RECEIVED:
| 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#REQ1065
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