



Date: April 1997

**ISO/IEC JTC1/SC6
TELECOMMUNICATIONS AND INFORMATION
EXCHANGE BETWEEN SYSTEMS
Secretariat: U.S.A. (ANSI)**

Ballot response

To: ISO/IEC JTC 1/SC 6

Title: US Member Body vote on Letter Ballot on CD 8802-11

Source: IEEE 802 (via the U.S. National Body)

Project: JTC 1.06.43.11

Action:

The US Member Body votes Do-Not-Approve on the Letter Ballot on CD 8802-11.

The US Member Body would support the project, but is of the opinion that the document needs to be completed with a formal description of the Medium Access Control protocol and needs to be improved on the editing, the consistency between the various clauses in the document and to remove items from the Management Information Base that do not carry interest to management.

Attached is a document (and an errata sheet to that document) that contains all elements required to change the US Member Body vote to Approve.

A summary of the major changes is given on page 2.

The following technical changes were made in the proposal relative to the CD:

1. The proposal contains the normative formal description of the MAC and a description of the Management Information Base in ASN1 notation. The formal description uses the SDL from ITU-T Recommendation Z.100.
2. The Management Information Base (MIB) has been reduced to those elements needed by a network manager. The CD contained many elements that were originally placed in the MIB as an internal communication means between functions in the MAC.
3. The data rates supported by the MAC have been extended to support up to 63.5 Mbit/s, in increments of 500 kbit/s. This is reflected in Txvector/Rxvector, service primitives, Beacons etc.
4. The parameter sets for Frequency Hopping, Direct sequence and Coordination function have been added.
5. The Wired Equivalent Privacy (WEP) mechanism now also encrypts the Integrity Check Vector (ICV), which provides a better protection.
6. The proposal supports encryption of multicast frames.
7. The PICS Proforma has been made internally consistent and consistent with the specification.
8. Direct peer-to-peer communication under an Extended Service Set (ESS) has been taken out.
9. Frames destined to multiple stations over the air may not be segmented anymore.
10. MLME service primitives and parameters were updated for consistency with the operation.

Editorial changes

Numerous editorial changes to remove typos, bring the text in line with OSI terminology, make definitions consistent and complete and the use better English. The proposal has been made consistent between various sections.