IEEE P802.11
Wireless Access Method and Physical Layer Specifications

Title: **How Long is Long Enough, or**
A proposed change to Sections 4.1.8 in the draft IEEE p802.11-93/20b1

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Abstract:

What's Wrong:
The editor's note in section 4.1.8 near the top of page 47 of IEEE p802.11-93/20b1 reads:
[Editor's note (GE): how large is the duration field?]

How To Fix It:
Supply a definition, along with proposed text, like the one in this document.

Motions:
Resolved, that the proposed text changes in 11-94/178 be incorporated into the draft standard IEEE p802.11-93/20b1 section 4.1.8 in it's next revision by the editors.

Proposed Change

The proposed text is shown below, with change bars, in the affected section from the draft standard, IEEE p802.11-93/20b1.

4.1.8 Type-Dependent

Additional type-dependent fields shall be present, depending upon the frame type. The following are defined:

Duration: Time in microseconds of frame's transmission. Two octets in length.

Data: variable length data field

Rationale

A one octet field is too small, only allowing for a duration sufficient for an 32 octet frame (at one Mbps), and there is no apparent need for a field larger than two octets at this time, which will allow for 8K frames at 1Mbps and 16K frames at 2Mbps.