IEEE P802.11
Wireless LANs

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| **Comment Resolution for Subclause 8.7** |
| **Date:** 2013-07-01 |
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This document provides comment resolution for TGah Draft 0.1 Comment Collection 9 with these CIDs: 27.

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGah Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGah Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGah Editor: Editing instructions preceded by “Instruction to Editor” are instructions to the TGah editor to modify existing material in the TGah draft. As a result of adopting the changes, the TGah editor will execute the instructions rather than copy them to the TGah Draft.***

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| --- | --- | --- | --- | --- | --- |
| **CID** | **P.L** | **SC** | **Comment** | **Proposed Change** | **Resolution** |
| 27 | 118.10 | 8.7.3.1 | Short management sutypes section is TBD. | Add section for short management subtypes. Define Action, Action no Ack, etc, frames for short mac header. | Revised – Tgah editor to make changes shown in 11-13-0825-01-00ah under the heading for CID 27. |

**Discussion:***The commenter of CID 27 and 661 (addressed in another document by simply adding the link that points to this subclause) are correct that the section for short management frames is missing and subtypes are not defined. Comment* resolution for CID 661 *addressed the first part by adding a section for short management frames. Proposed comment resolution for CID 27 is to add two subtypes Action and Action no Ack management frames with short frame format.*

**Instruction to Editor: *Please add the following subclause immediately after subclause 8.7.3:***

**8.7.3a Short Management frames**

**8.7.3a.1 Format of Short Management frames**

The format of a Short Management frame is defined in Figure 8-532c1 (Short Management frame format). The

Frame Control, A1, A2, and Sequence Control fields are present in all Short Management frame subtypes.

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  | Frame Control | A1 | A2 | Sequence Control | A3 | Frame Body | FCS |
| Octets:  | 2 | 2 or 6 | 6 or 2 | 0 or 2 | 0 or 6 | variable | 4 |

**Figure 8-532c1 -- Short Management frame format**

The address fields A1 and A2 contain the receiver and transmitter addresses either of which can be an SID field as described in 8.7.3.2 (Address fields).

The Sequence Control field is present in all types of management frames unless stated otherwise.

The address field A3 (if present, as described in 8.7.3.2 (Address fields) is the BSSID.

The frame body consists of the fields followed by the elements defined for each short management frame subtype.

All fields and elements are mandatory unless stated otherwise and appear in the specified, relative order.

STAs that encounter an element ID they do not recognize in the frame body of a received Short Management frame ignore that element and continue to parse the remainder of the short management frame body (if any) for additional elements with recognizable element IDs. See 9.24.7 (Vendor specific element parsing). Unused element ID codes are reserved.

Table 8-301b1 (Short Management frame subtypes) defines the different short management frame subtypes.

**Table 8-301b1 – Short Management frame subtypes**

|  |  |
| --- | --- |
| **PTID/Subtype valueb8 b7 b6**  | **Subtype description** |
| <ANA> | Action |
| <ANA> | Action No Ack |
| <ANA>-111 | Reserved |

**8.7.3a.2 Action and Action No Ack frames**

The frame body of a short Management frame of subtype Action is described in 8.3.3.13 (Action frame format) and the format of the Action field formats allowed is described in 8.5 (Action frame format details).

The frame body of a short Management frame of subtype Action No Ack is described in 8.3.3.14 (Action No Ack frame format) and the format of the Action field formats allowed is described in 8.5 (Action frame format details).