IEEE P802.11
Wireless LANs

|  |
| --- |
| Coment Resolutions for Clause 8.3.1.x  |
| Date: 2014-09-15 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Liwen Chu | Marvell |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This submission proposes comment resolutions for subclause 8.3:

3239, 3240, 3518, 3699, 3004, 3241, 3700, 3986, 4032***.***

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 “TGah 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.***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Clause Num** | **P** | **L** | **Comment** | **Propose Change** | **Resolution** |
| 3239 | 8.3.1.1 | 80 | 57 | "Control frames with bandwidth indication in MAC" is what S1G Control frames are. Use terminology consistently. Also shouldn't we list the frame control fields of TACK, and S1G PS-Poll frames here as well? | As in comment. | ReviseTGah editor replces "Control frames with bandwidth indication in MAC" with S1G Control frame |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Clause Num** | **P** | **L** | **Comment** | **Propose Change** | **Resolution** |
| 3240 | 8.3.1.20 | 83 | 4 | The description in this subclause is confusing. Even though there is a new figure for the STA info field the description refers to another Figure. This is not necessary. It seems cleaner to simply describe the fields of the newly introduced figure. Also avoid using normative verbs in this subclause. | As in comment. | ReviseDiscussion: The reason to refer to other part of 802.11 Revmc is that the refered table include definitions of other fields that AID field. Describing all fields means many duplicate work and potential error. Commenter is right that “shall” shouldn’t be used here. See CID 3518 |
| 3518 | 8.3.1.20 | 83 | 5 | Use of normative verbs such as "may" or "shall" is avoided in clause 8, the single shall statement at the beginning of Clause 8 (see 548.15 in P802.11REVmc D3.0). | Change from "shall be changed" to "is changed" | Accept |
| 3699 | 8.3.1.20 | 83 | 7 | It is not clear what to set when S1G STA is in IBSS. | Change to Equal to 0 if the STA is an AP of in an IBSS. | ReviseDiscussion: generally agree with the comment.TGah Editor: Change “Equal to 0 if the STA is an AP” to “Equal to 0 if the STA is an AP or is in an IBSS” |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Clause Num** | **P** | **L** | **Comment** | **Propose Change** | **Resolution** |
| 3004 | 8.3.1.22 | 84 | 7 | "bits [47:3] of the TSF timer value"This terminology is undefined. | Define the terminology. | ReviseDiscussion: bits[47:3] is not used by 802.11RevmcD3.0. “bits x-y” is widely used.TGah Editor: change "bits [47:3] of the TSF timer value" to " contains the 45 MSBs of the lowest 6 octets of the TSF timer "  |
| 3241 | 8.3.1.22 | 83 | 40 | Insert the bit locations to the figure. | As in comment. | ReviseTGah editor to make changes shown in 11-14/1238r1 under CID 3241 |
| 3700 | 8.3.1.22 | 84 | 17 | "Next TWT Present" field is misleading. Change the name to "Next TWT/Suspend Duration Present" field. | As proposed | ReviseTGah editor: change “Next TWT Present” to “Next TWT/Suspend Duration” through the draft. |

**8.3.1.22 TACK frame format**

***TGah Editor***: Change Figure 8-51b as follows (CID 3241):

 B0 B44 B45 B47

|  |  |
| --- | --- |
| Next TWT | TWT Identifier |

 Bits: 45 3

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Clause Num** | **P** | **L** | **Comment** | **Propose Change** | **Resolution** |
| 3986 | 8.3.1.5 | 82 | 5 | Now that the Duration/AID field is overloaded for the PS-Poll framme, I am wondering how a device will decode this field as either a Duration or AID. | clarify | RejectDiscussion: 8.2.4.2 defines the rules about how to differentiate Duration or AID in a frame. |
| 4032 | 8.3.1.5 | 82 | 21 | The sentence "The AID value always has its two MSBs set to 1." is misleading. Does it mean two MSBs of the 14 bits AID value or the 2 MSBs of the 16 bits AID field? If it means the 2 MSBs of the 16 bits AID field, it is already stated in 8.4.1.8 AID field and may be removed. | Make the sentence clearer or remove it altogether. | Reject.Discussion: The sentence is copied for 802.11Revmc D3.0. The commenter should raise the comment in 802.11 Revmc.  |