IEEE P802.11  
Wireless LANs

|  |
| --- |
| **CIDs for: Section 25.4**  **Trigger Frame Format-MU BAR Variant – Part 2** |
| **Date:** 2016-09-05 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Raja Banerjea |  | 1700 Technology Drive  San Jose, CA |  | [rajab@qca.qualcomm.com](mailto:rajab@qca.qualcomm.com) |
| George Cherian |  |  |  |  |

Abstract

This submission proposes resolutions for multiple comments related to TGax D0.1 with the following CIDs :

* 567,665, 2220,2586.

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 TGax Draft. This introduction is not part of the adopted material.

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

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 567 | EVGENY KHOROV | 22.36 | It is not clear from the draft how to fill the BAR information field. (SFD provides more details) | Add more details | Revised  Agree in principle that there is ambiguity. Proposed resolution clarifies those ambiguities |
| 665 | Huizhao Wang | 22.11 | MU-BAR's Trigger Dependent Common Info field should be mapped to Per User Info instead: For MU-BAR, it needs to carry several BARs targeted to several STAs. The current mapping is wrong. Instead, for MU-BAR, its Common info field's Tigger Dependent Common Info field can be omitted, or defined for other purpose. And map the current defined MU-BAR Trigger Dependent Common Info field into each STAs' Per User Info fields, and hence map the BAR Control & BAR Information subfields into Per User Info's Trigger Dependent Per User Info subfield. (A technical contribution will be followed later) | Map Figure 9-51d into Per User Info instead, and map Figure 9-51e into Per User Info's Trigger Dependent Per User Info subfield instead. And fix the subclause 9.3.1.23.1 text to describe the new mapping (a technical contribution will be followed later) | Revised --  Agree in principle that the current mapping is wrong and therefore the text needs to be modified. Proposed resolution is to specify that the Type depended common info field’s length is 0.  The BAR Control information and BAR Information is mapped to Type depended Per User Info subfield. |
| 2220 | Tomoko Adachi | 22.01 | The explanation of the MU-BAR variant needs to be reconsidered. Figure 9-51d is completely the same with Figure 9-51c. The title of Figure 9-51e is completely the same with Figure 9-51d. This should explain the Trigger Dependent Per User Info field. | Correct the explanation of the MU-BAR variant. | Revised.  Current text in section 9.3.1.23.1 is removed and text as specified in current document added. |
| 2586 | Young Hoon Kwon | 22.20 | Wrong figure. It should be Figure 9-51e. | Modify the text from "... defined in Figure 9-14e" to "... defined in Figure 9-51e". | Revised.  Current text in section 9.3.1.23.1 is removed and text as specified in current document added. |

***TGax Editor: Insert the following at the end of subclause 25.4.5:***

An HE STA that receives a BAR frame or a MU BAR variant Trigger frame that contains a Compressed BlockAckReq variant in the Per User Info field addressed to the STA shall respond with a BlockAck frame as defined in 10.24.7 (HT-immediate block ack extensions) or a Multi-STA BlockAck frame as defined in 25.4 (Block acknowledgment).

An HE STA that receives a Multi-TID BAR frame or a MU BAR variant Trigger frame that contains a Multi-TID BlockAckReq variant in the Per User Info field addressed to the STA shall respond with a Multi-STA BlockAck frame that contains a Per STA Info subfield with Block Ack Bitmap subfield for each of the TIDs (with values less than 8) contained in the blockackreq frame and the length of each Block Ack Bitmap subfields shall be equal to the solicited Bitmap length (  
i.e., FN subfields in solicited Block Ack Request Starting Sequence Control and responding Block Ack Starting Sequence Control for the same TID are equal).