IEEE P802.11  
Wireless LANs

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| Resolution for CIDs related to TF format (9.3.1.22) – Part 2 | | | | |
| Date: May 2, 2019 | | | | |
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Abstract

This submission proposes resolutions for comments received for TGax LB238 (4): 20997, 20998, 20221, 20750

Revisions:

* Rev 0: Initial version of the document.
* Rev 1:
  + several changes made on-the-fly for spec text related to CIDs 20997, 20998 and 20221 when the document was discussed on 5/10/19 MAC ad-hoc
  + Resolution to CID 20750 changed to accept

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.***

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| **CID** | **Commenter** | **Pg/Ln** | **Section** | **Comment** | **Proposed Change** | **Resolution** |
| 20997 | Mark RISON | 110.04 | 9.3.1.22.1 | "NOTE---For 20 MHz operating STA, the AP ensures that the RU allocation lies within the operating bandwidth of the STA." needs to be normative. Also it simply needs to be in the primary 20M | Change the cited text at the referenced location to "The RU allocation for a 20 MHz operating non-AP HE STA lies within the primary 20 MHz channel." | **Revised**  The cited NOTE is deleted. A sentence is added in 26.5.2.2.4 requiring the AP to allocated an RU that lies within the STA’s operating BW and the subchannel that the STA is operating on. For SST STAs the RU can’t be the AP’s primary.  Based on discussion on 5/10/19 MAC ad-hoc, the term ‘operating BW’ is replaced with ‘channel in which the STA is operating’  **TGax editor, please implement the changes shown in doc 11-19/548r1 with the tag 20997** |
| 20998 | Mark RISON | 110.04 | 9.3.1.22.1 | "NOTE---For 20 MHz operating STA, the AP ensures that the RU allocation lies within the operating bandwidth of the STA." needs to be normative. Also it simply needs to be in the primary 20M. Also it's arguably behaviour not format | Change the cited text at the referenced location to "The RU allocation for a 20 MHz operating non-AP HE STA lies within the primary 20 MHz channel." and move to Clause 26 | **Revised**  The cited NOTE is deleted. A sentence is added in 26.5.2.2.4 requiring the AP to allocated an RU that lies within the STA’s operating BW and the subchannel that the STA is operating on. For SST STAs the RU can’t be the AP’s primary.  Based on discussion on 5/10/19 MAC ad-hoc, the term ‘operating BW’ is replaced with ‘channel in which the STA is operating’  **TGax editor, please implement the changes shown in doc 11-19/548r1 with the tag 20998** |
| 20221 | Huizhao Wang | 325.40 | 26.5.3.2.1 | Missing rule of allocating RU for 80MHz HE TB PPDU to a 20 MHz operating non-AP HE STA. | Please add a paragraph to describe the rule of allocating RU for 20MHz operating STA for TB PPDU BW equal to 80MHz | **Revised**  Agree with the comment. A sentence is added in 26.5.2.2.4 requiring the AP to allocated an RU that lies within the STA’s operating BW and the subchannel that the STA is operating on.  Based on discussion on 5/10/19 MAC ad-hoc, the term ‘operating BW’ is replaced with ‘channel in which the STA is operating’  **TGax editor, please implement the changes shown in doc 11-19/548r1 with the tag 20221** |
| 20750 | Mark RISON | 114.50 | 9.3.1.22.7 | Re CID 16144: if "MU-BAR Trigger frame is a variant of Trigger frame. GCR MU-BAR is another variant of Trigger frame." this needs to be made clear | At the end of 9.3.1.22.7 add "NOTE---A GCR MU-BAR Trigger frame is not a type of MU BAR Trigger frame." | **Accept**  **TGax editor, please implement the changes as suggested by the commenter.** |

* **Trigger frame format**
* **General**

***TGax Editor: Please delete the following NOTE in this subclause (P113L57 of 11ax D4.1):***

[20997, 20998]

* **Allowed settings of the Trigger frame fields and TRS Control subfield**

***TGax Editor: Please make changes to the 8th paragraph in this subclause as shown below:***

An AP shall not set any subfields of the User Info field of a Trigger frame to a value that is not supported by the recipient non-STA of the User Info field. An AP shall not set any subfields of a TRS Control subfield to a value that is not supported by the recipient non-AP STA of the TRS Control subfield. When an RU is allocated to only one non-AP STA the Starting Spatial Stream subfield for that non-AP STA shall be set to 0. An AP shall not set the RU Allocation subfield of the User Info field of a Trigger frame or TRS Control subfield that is addressed to a non-AP STA to a value such that the RU allocated to the STA lies outside the channel in which the STA is operating (see 27.3.2.6, 27.3.2.8 and 27.3.2.9) or outside the SST subchannel (if applicable) in which the STA is operating (see 26.8.7).[20997, 20998, 20221]