IEEE P802.11  
Wireless LANs

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| Resolution for miscellaneous CIDs – part 8 | | | | |
| Date: November 14, 2023 | | | | |
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Abstract

This submission proposes resolutions for following 4 CIDs received for TGbe LB275:

19005, 19455, 19590, 20013

**Revisions:**

* Rev 0: Initial version of the document.
* Rev 1: Revised the resolutions for CID 19005 and 19590, and deferred CID 19455.
* Rev 2: Revised resolution for CID 19455 based on online and offline feedback.

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

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

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

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| **CID** | **Commenter** | **Section** | **Pg.Ln** | **Comment** | **Proposed Change** | **Resolution** |
| 19005 | Julien Sevin | 9.4.2.314 | 289.24 | When all TIDs are mapped to the same link set, the TID-To-Link Mapping element shall include the same Link Mapping Of TID n fields for each TID value (0 to 7). For advertised TID-to-link mapping operation for which the TID-To-Link Mapping element is included in the beacon, the signaling can be optimized to minimize impact on frame size. | Optimize the TID-to-Link Mapping element when all TIDs are mapped to the same link set. | **Rejected**  The proposed change does not identify changes to the draft that would satisfy the commenter. Please note that since advertised TTLM is a temporary announcement the impact of carrying Link Mapping Of TID n field for each TID is not significant. |
| 19455 | Yuchen Guo | 9.4.2.314 | 289.16 | The sentence "starting from the frame carrying the TID-To-Link Mapping element having the Expected Duration field" is not needed since it is already specified in the next sentence saying "with the starting point of the remaining duration being the most recent TBTT on or before the time when the frame carrying the field is transmitted" | delete " starting from the frame carrying the TID-To-Link Mapping element having the Expected Duration field" | **Revised**  Agree with the commenter in principle. The cited statement is rearranged and it is clarified that the starting point of the expected duration is the time at which the frame carrying the TID-To-Link Mapping element is received.  **TGbe editor: please implement the changes shown in this document tagged as 19455.** |
| 19590 | Xiangxin Gu | 9.4.2.314 | 288.01 | For APs affiliated with an AP MLD on different bands, the corresponding BSS coverages are different. The coverage of a BSS in 2.4G band is larger than the coverage of a BSS in 5G band. When an non-AP MLD moves out of the coverage of a 5G AP affiliated with its associated AP MLD, TIDs than are only mapped to 5G link(s) have to be remapped to 2.4G link(s). | add a cause field into TTLM element to indicate the situation, which facilitates the AP MLD to response to the TTLM request. | **Rejected**  The proposed change does not identify changes to the draft that would satisfy the commenter. |
| 20013 | Binita Gupta | ï»¿9.4.2.314 | 288.44 | Default Link Mapping (all TIDs mapped to all setup links) is neither negotiated nor advertised. Hence, it is not clear why this bit is needed. Clause ï»¿35.3.7.2 does not define any scenario when this bit is set in a TTLM element. | Remove the subfield and reserve the bit. | **Rejected**  The Default Link Mapping bit can be used if the AP wants to indicate a preferred mapping that is the default mapping. |

***TGbe editor: please note that the baseline is 11be Draft 4.1.***

**9.4.2.314 TID-To-Link Mapping element**

***TGbe editor: please update the following paragraph as shown below [CID 19455]***

When the Mapping Switch Time field is present, the Expected Duration field indicates the duration for which the proposed TTLM is expected to be effective in units of TUs, starting from the mapping’s establishment time indicated in the Mapping Switch Time field. When the Mapping Switch Time field is not present, the Expected Duration field indicates the remaining duration for which the established TTLM is expected to be effective in units of TUs, with the starting point of the remaining duration being the TBTT if the frame carrying the element is a Beacon frame or the most recent TBTT preceding the transmission of the frame if the frame carrying the element is not a Beacon frame. The Expected Duration field is present if the TID-To-Link Mapping element is carried in a Beacon, Probe Response, or (Re)Association Response frame transmitted by an AP affiliated with an AP MLD, and is not present otherwise (#19455).