IEEE P802.11  
Wireless LANs

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| 11ax D3.0 Comment Resolution miscellaneous | | | | |
| Date: 2019-01-12 | | | | |
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Abstract

This submission proposes resolutions for multiple comments related to TGax D3.0 with the following CIDs:

* 15157, 16283.16293, 16494 16666.

Revisions:

* .

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** | **PP** | **LL** | **Comment** | **Proposed Change** | **Resolution** |
| 15157 | 195 | 21 | The HT-immediate BlockAck in Table 9-425 calls out a BlockAck for DMG STA. Type of BlockAck is missing. | Change "same BlockAck" to "same BlockAck frame" | **Rejected**  **Discussion: the text is copied from 11md spec. Another observation is that 802.11ax D3.3 doesn’t touch Table 9-425.** |
| 16283 | 154 | 17 | "A-MSDU In A-MPDU Support" is a bad name since this is actually about ack-enabled A-MPDUs | Change the field name to "A-MSDU In Acknowledgment Context In A-MPDU Support" | **Revised**  **Agreed in principle. 11ax D3.3 changed the name to “**A-MSDU In Ack-Enabled A-MPDU Support**”. No further change is needed** |
| 16293 | 154 | 19 | "an A-MSDU is carried in a QoS Data frame for which no block ack agreement exists." -- an A-MSDU is always carried in a QoS Data frame | Change the cited text to "an A-MSDU is transmitted that is not under a block ack agreement." | **Accepted** |
| 16494 | 351 |  | Note on Page 270 Line 42-44 (NOTE--The maximum number of Per AID TID Info fields that the STA is capable of including in the Multi-STA BlockAck frame for the same value of the AID field is indicated in the Multi-TID Aggregation Rx Support field of HE Capabilities element it transmits.). A STA that is advertising Multi-TID Aggregation Rx Support subfield to "Zero" in the HE MAC Capabilities Information field, is not allowed to include more than one TID AID Info in Multi-STA Block ACK frame for the same value of the AID field. Note on Page 351 Lines 23-27 allows for aggregation of Management frame irrespective of the Multi-TID Aggregation Rx Support. "NOTE--A multi-TID A-MPDU allows the aggregation of an Action frame regardless of the value indicated in the Multi-TID Aggregation Rx Support subfield in the HE MAC Capabilities Information field of the HE Capabilities element as long as the indicated in the value of the TID Aggregation Limit subfield in the Trigger Dependent User Info field of a the Basic Trigger frame is nonzero. " If the TID Aggregation Limit Subfield = 1, and the HE TB PPDU has both QoD Data of a TID, and also an Action Frame then the response i.e., Multi-STA Block ACK has two PER AID TID Info fields. This seems to be contradicting Note on Page 270. Clarify and change Note in Page 270 to be aligned with Table 27-2. | If the Action Frame is included even when Multi-TID Aggregation RX support being 0, remove the restriction on the number of PER AID TID Info fields to not count the PER AID TID info that has TID=15 as part of the limit (Multi-TID Agrgegation Rx Support field). | **Revised**  **Discussion: note on P351L23 is right. The note on P270L42 should be changed accordingly.**  **TGax editor to change the note on P270L42 “**NOTE--The maximum number of Per AID TID Info fields that the STA is capable of including in the Multi-STA BlockAck frame for the same value of the AID field is indicated in the Multi-TID Aggregation Rx Support field of HE Capabilities element it transmits.**” to “**NOTE--The maximum number of Per AID TID Info fields except the Per AID TID Info field for a Management frame if exists that the STA is capable of including in the Multi-STA BlockAck frame for the same value of the AID field is indicated in the Multi-TID Aggregation Rx Support field of HE Capabilities element it transmits.**”** |
| 16666 | 283 | 16 | A requirement (shall/should/may statement) must never be dependent on "intent" since intent is not testable. We don't care what the intent is, we just care about the A-MPDU content. This entire bullet is unnecessary since we do not have "S-MPDU" in an HE PPDU; we just have EOF-MPDUs and sometimes there is one EOF-MPDU and it is the only MPDU in the A-MPDU. | Remove bullet. | **Rejected.**  **P283 is not in subclause 27.5.3.4.** |