IEEE P802.11
Wireless LANs

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| CC36 comment resolution for miscellaneous comments part 3 |
| Date: 2022-04-05 |
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Abstract

This submission proposes resolutions for multiple comments related to TGbe D1.0 with the following CIDs:

 4286, 6075, 6076, 7001

Revisions:

* Rev 0: Initial version of the document.

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** | **PP** | **LL** | **Comment** | **Proposed Change** | Resolution |
| 4286 | 35 |   | Subclause for BlockAck protocol enhancements for EHT is missing. Needed for 512K, 1K, etc. Use 11ax respective subclause as well to specify what type of control responses are sent depending on what type of PPDU is soliciting them. | As in comment. |  |

**35.4 EHT acknowledgment procedure(#4111)(#5167)**

**35.4.1 Overview**

TGbe Editor: Please add the following text at the end of 35.4.1: (#4286)

An EHT AP that sends a Multi-STA BlockAck frame where the Per AID TID Info fields are all addressed to a single recipient STA and that is not sent in response to an EHT TB PPDU shall set the RA field of the Multi-STA BlockAck frame to the address of the recipient STA.

An EHT STA that receives a Multi-STA BlockAck frame that is a response to frames requiring acknowledgment shall examine Per AID TID Info field received in the Multi-STA BlockAck frame, and shall process each Per AID TID Info field using the procedure defined in 26.4.2 (Acknowledgment context in a Multi-STA BlockAck frame).

An EHT STA that transmits a Multi-TID BlockAckReq frame in an EHT TB PPDU may set each of the TID Value subfields in the Per TID Info subfields of the BAR Information field of the Multi-TID BlockAckReq frame to a TID that corresponds to any AC.

An EHT STA that transmits a BlockAckReq frame in an EHT TB PPDU may set the TID subfield in the AID TID Info field in the BAR Information field of the BlockAckReq frame to a TID that corresponds to any AC.

An EHT STA that responds to an EHT MU PPDU addressed to the EHT STA only with an SU PPDU follows the same rules as an HE STA that responds to an HE SU PPDU or HE ER SU PPDU with an SU PPDU as if the EHT STA receives HE SU PPDU or HE ER SU PPDU.

An EHT STA that responds to an EHT MU PPDU addressed to more than one EHT STA only with an SU PPDU follows the same rules as an HE STA that responds to an HE MU PPDU with an SU PPDU as if the EHT STA receives EHT MU PPDU addressed to more than one EHT STA.

An EHT AP that responds to an EHT TB PPDU with an SU PPDU follows the same rules as an HE AP that responds to an HE TB PPDU with an SU PPDU as if the EHT AP receives HE TB PPDU.

An EHT AP that responds to an EHT TB PPDU with an EHT MU PPDU follows the same rules as an HE AP that responds to an HE TB PPDU with an HE MU PPDU as if the EHT AP receives HE TB PPDU and uses the responding EHT MU PPDU to replace responding HE MU PPDU.

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| **CID** | **PP** | **LL** | **Comment** | **Proposed Change** | Resolution |
| 6075 | 243 | 5 | since some STA can't support same BW as the BSS operating BW and those STAs can be HE STAs, the methods to better use BSS BW should be provided. One of them is that within SST, an EHT STA with same BW as BSS operating BW can park in secondary channel. With this the A-PPDUs have higher chance to use the whole BSS operating BW. | Address the issue raised by the comment. | RejectedA-PPDU is not adopted in the current 11be draft.  |
| 6076 | 243 | 5 | The dynamic channel puncture for 5GHz band and 6GHz band should be provided | Address the issue raised by the comment. | RejectedThe static channel puncture can address the issue of incumbent users overlapped with some 20MHz channel of BSS operating channel. The dynamic channel puncture tris to address the come whose improvement is not as big as static channe lpuncture. The group can’t get the consensus to support dynamic channel puncture at this stage. |
| 7001 | 262 | 31+32 | There is no EHT SU PPDU, only EHT MU and EHT TB. | Remove 'EHT SU PPDU'. | RevisedThe cited text by the commenter was replaced by “EHT MU PPDU directed to a single (#1752)EHT STA” in 11be D1.5Note to editor: no frther change is need. |