IEEE P802.11  
Wireless LANs

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| **Resolution to CID 17150** |
| **Date:** 2018-10-01 |

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| Tomoko Adachi | Toshiba | 1, Komukai Toshiba-cho, Saiwai-ku, Kawasaki, Japan | +81 44 549 2283 | tomo.adachi@toshiba.co.jp |
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Abstract

This submission proposes resolution for the following CID to subclause 27.4 (**1 CID**):

* 17150

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.***

# 27.4.1

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| **CID** | **Commenter** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 17150 | Zhou Lan | 268.00 | "An HE 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  sent in response to an HE TB PPDU may set the RA field of the Multi-STA BlockAck frame to either the  address of the recipient STA or to the broadcast address. An HE 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 sent in  response to an HE SU PPDU, HE ER SU PPDU or HE MU PPDU shall set the RA field to the address of the  recipient STA." Please clarify why the RA setting rule is different of HE TB PPDU from other type of PPDU. MSTA BA is a MAC frame and the setting of the field of a MAC frame should be PHY agnostic. | as in the comment | Revised.  See the instructions to the TGax editor in doc. 11-18/1703r2.  Not making any technical changes to 27.4.1 but reworded. There are also a correction in 9.3.1.8.7. |
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### 27.4 HE acknowledgment procedure

### 27.4.1 Overview

TGax Editor: Change the 4th paragraph in P802.11ax D3.2 as follows:

An HE AP that sends a Multi-STA BlockAck frame where the Per AID TID Info fields are addressed to more than one STA shall set the RA field to the broadcast address. An HE AP that sends a Multi-STA BlockAck frame where the Per AID TID Info fields are all addressed to a single recipient STA may set the RA field of the Multi-STA BlockAck frame to either the address of the recipient STA or to the broadcast address, if the Multi-STA BlockAck frame is sent in response to an HE TB PPDU. Otherwise, the HE AP shall set the RA field of the Multi-STA BlockAck frame to the address of the recipient STA.(#17150)

##### 9.3.1.8.7 Multi-STA BlockAck variant

TGax Editor: Change the 2nd paragraph in P802.11ax D3.2 as follows:

An HE AP that transmits a Multi-STA BlockAck frame with different values of the AID11 subfield in Per AID TID Info subfields sets the RA field to the broadcast address. An HE AP that transmits a Multi-STA BlockAck frame with a single Per AID TID Info subfield or with the same values of the AID11 subfield in Per AID TID Info subfields sets the RA field to the address of the recipient STA that solicited the BlockAck frame or to the broadcast address, if the Multi-STA Block frame is sent in response to an HE TB PPDU. Otherwise, the HE AP sets the RA field to the address of the recipient STA that solicited the BlockAck frame.(#17150) A non-AP HE STA that transmits a Multi-STA BlockAck frame with a single Per AID TID Info field or with multiple Per AID TID Info subfields each carrying the same AID value, sets the RA field to the TA field of the soliciting frame or to the address of the recipient STA whose Data or Management frames are acknowledged.