IEEE P802.11  
Wireless LANs

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| Comment resolutions for CIDs for 25029 | | | | |
| Date: 2020-10-29 | | | | |
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Abstract

This submission proposes resolutions for multiple comments related to TGax D7.0 with the following CID (1 CID):

* 25029

Revisions:

1. Rev 0: Initial version of the document.
2. Rev 1: Revised based on feedback received via e-mail and during the presentation of rev 0. Changes highlighted in green.

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** | **P.L** | **Comment** | **Proposed Change** | **Resolution** |
| 25029 | Sun, Li-Hsiang | 358.65 | "Consider the case w/o dynamic fragmentation:  In 10.25.6.1:  “BitmapLength represents the maximum length, in bits, of the Block Ack Bitmap  subfield”  Procedure in 10.25.6.1 sets the parameter BitmapLength >= max value of negotiated buffer size in 3 different ranges in Table 26-1  Procedure in 10.25.6.3 sets WinSize\_R=min(BitmapLength, negotiated buffer size) = negotiated buffer size  Procedures in 10.25.6.3, 10.25.6.4 in baseline always maintain WinEnd\_R-WinStart\_R+1=WinSize\_R  P358.65 “but shall be sufficient to include the recipient’s scoreboard state for MPDUs begin-  ning with the MPDU for which the Sequence Number subfield value is WinStartR and ending with the MPDU for which the Sequence Number subfield is WinEndR.” This means bitmap size of a BA shall >=WinSize\_R=negotiated buffer size  Then in Table 26-1  row 3, column 2 “64 or 128”, 64 is not possible because it is less than the negotiated buffer size  row 3, column 3 “32, 64 or 128”, 32 and 64 are not possible because they are less than the negotiated buffer size  row 4, column 2 “64 or 256”, 64 is not possible because it is less than the negotiated buffer size  row 4, column 3 “32, 64, 28 or 256”, 32,64 and 128 are not possible because they are less than the negotiated buffer size" | "Remove “but shall be sufficient to include the recipient’s scoreboard state for MPDUs begin-  ning with the MPDU for which the Sequence Number subfield value is WinStartR and ending with the MPDU for which the Sequence Number subfield is WinEndR.”" | Revised –  Agree in principle with the comment. Intent is to cover at least the range of MPDUs with SN subfields from WinStartR to the last MPDU that is successfully received for which the Sequence Number subfield is less than WinEndR. Proposed resolution clarifies this aspect.  TGax editor to make the changes shown in *<this document>* under all headings that include CID 25029. |

**Discussion: *None.***

**26.4.3 Negotiation of block ack bitmap lengths**

Block Ack Bitmap subfield length identified in Table 26-1 (Negotiated buffer size and Block Ack Bitmap subfield length) for the negotiated buffer size of the block ack agreement to which the BA Information field corresponds.

**TGax Editor: *Change the paragraphs below of this subclause as follows (#CID 25029):***

The recipient is allowed to respond with a Block Ack Bitmap subfield in the BA Information field that is less than the maximum allowed Block Ack Bitmap for the negotiated buffer size. The length of the Block Ack Bitmap subfield in a Compressed BlockAck frame or a Multi-STA BlockAck frame may be less than the maximum allowed Block Ack Bitmap but shall be sufficient to include the recipient’s scoreboard state for MPDUs beginning with the MPDU for which the Sequence Number subfield value is WinStartR and ending with the a successfully received MPDU for which the Sequence Number subfield is less than or equal to WinEndR.*(#25029)*