IEEE P802.11
Wireless LANs

|  |
| --- |
| LB 203 Comment Resolution for CID 3305 |
| Date: 2014-07-14 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Alfred Asterjadhi | Qualcomm Inc. | 5775 Morehouse Dr, San Diego, CA 92109 | +1-858-658-5302 | aasterja@qti.qualcomm.com |

Abstract

This submission proposes resolutions for comments in clause 8.9.1.4 of TGah Draft 2.0 with the following CID (1 CIDs):

* 3305

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

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

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 3305 | 213.35 | 8.9.1.6.1 | These two paragraphs describe the contents of the Block Ack Bitmap field for two cases. Merge the two paragraphs and see if organization can be improved as suggested in the proposed change. | Replace the two paragraphs from P213L35-48 with: "The The Block Ack Bitmap field of the NDP BlockAck frame is 8 bits and is used to indicate the received status of:- up to 8 MSDUs and A-MSDUs when the NDP BlockAck frame is used during a BlockAck session. Each bit that is equal to 1 in the NDP BlockAck bitmap acknowledges the successful reception of a single MSDU or A-MSDU in the order of sequence number, with the first bit of the NDP BlockAck bitmap corresponding to the MSDU or A-MSDU with the sequence number that matches the value of the Starting Sequence Control field.- up to 8 fragments of an MSDU when the NDP BlockAck frame is used during a Fragment BA session. Each bit that is equal to 1 in the BlockAck Bitmap acknowledges the successful reception of a single fragment of an MSDU, in the order of the fragment number, with the first bit of the BlockAck Bitmap corresponding to the MPDU with fragment number equal to 0 or 8." Make similar change in the NDP\_2M | Revised –Agree with the commenter. Proposed resolution accounts for the suggested change. TGah editor to make changes shown in 11/14/0937r0 under all headings that include CID 3305. |

**Discussion:** *This CID was part of the proposed resolutions included in 11-14-0906-00-00ah-tgah-lb203-comments-on-d2-0\_assigned\_to\_editor\_part1. However, given that the proposed change did not include precise instructions to the editor for both NDP\_1M BlockAck and NDP\_2M BlockAck this CID was removed from that document to form a new contribution. The proposed resolution is shown below.*

**Instructions to TGah Editor: *Change the paragraphs below in 8.9.1.6.1 as follows:***

The Block Ack Bitmap field of the NDP BlockAck frame is 8 bits and is used to indicate the received status of:

* Up to 8 MSDUs and A-MSDUs when the NDP BlockAck is used during a BlockAck session. Each bit that is equal to 1 in the NDP BlockAck bitmap acknowledges the successful reception of a single MSDU or A-MSDU in the order of sequence number, with the first bit of the NDP BlockAck bitmap corresponding to the MSDU or A-MSDU with the sequence number that matches the value of the Starting Sequence Control field.
* Up to 8 fragments of an MSDU when the NDP BlockAck is used during a Fragment BA session (see 9.3.2.10a (Fragment BA procedure)). Each bit that is equal to 1 in the BlockAck Bitmap acknowledges the successful reception of a single fragment of an MSDU, in the order of the fragment number, with the first bit of the BlockAck Bitmap corresponding to the MPDU with fragment number equal to 0 or 8.

**Instructions to TGah Editor: *Change the paragraphs below in 8.9.1.6.2 as follows:***

The Block Ack Bitmap field of the NDP BlockAck frame is 16 bits and is used to indicate the received status of:

* Up to 16 MSDUs and A-MSDUs. Each bit that is equal to 1 in the NDP BlockAck bitmap acknowledges the successful reception of a single MSDU or A-MSDU in the order of sequence number, with the first bit of the NDP BlockAck bitmap corresponding to the MSDU or A-MSDU with the sequence number that matches the value of the Starting Sequence Control field.
* Up to 16 fragments of an MSDU when the NDP BlockAck is used during a Fragment BA session (see 9.3.2.10a (Fragment BA procedure)). Each bit that is equal to 1 in the BlockAck Bitmap acknowledges the successful reception of a single fragment of an MSDU, in the order of the fragment number, with the first bit of the BlockAck Bitmap corresponding to the MPDU with fragment number equal to 0.