IEEE P802.11
Wireless LANs

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| LB193 CID 284 ADDBA REQ SSN use |
| Date: 2013-03-21 |
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Abstract

Addressing CID 284 of TGmc LB 193 which points out the lack of description of the use of the SSN value in the ADDBA REQ frame.

**Discussion**

Note that for HT-immediate, there is already a description of the use of the SSN of ADDBA REQ for the recipient:

**9.21.7.6.1 General**

*WinStartB* is initialized to the Starting Sequence Number subfield value of the ADDBA Request frame that elicited the ADDBA Response frame that established the HT-immediate Block Ack agreement.

Note that in the proposed changes, the originator requirement is in the general section and should apply to basic and HT behaviour.

**Propsed changes**

***TGmb editor: insert a new paragraph to appear after the fourth paragraph of 9.21.2 as shown:***

**9.21.2 Setup and modification of the Block Ack parameters**

When the Block Ack Policy subfield value is set to 1 by the originator of an ADDBA Request frame between HT STAs, then the ADDBA Response frame accepting the ADDBA Request frame shall contain 1 in the Block Ack Policy subfield.

For each accepted Block Ack agreement, the originator shall set the sequence number of the first frame transmitted under the agreement to the value of the Starting Block Ack Starting Sequence Control field of the ADDBA Request frame of the accepted Block Ack agreement.

***TGmb editor: change the first paragraph of 9.21.4 as shown:***

**9.21.4 Receive buffer operation**

For each Block Ack agreement, the recipient maintains a MAC variable NextExpectedSequenceNumber. The NextExpectedSequenceNumber is initialized to the value of the Starting Block Ack Starting Sequence Control field of the ADDBA Request frame of the accepted Block Ack agreement.

**References:**