IEEE P802.11
Wireless LANs

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| LB 200 Comment Resolution for Clause 9.20.5.6 |
| Date: 2014-01-20 |
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Abstract

This submission proposes resolution for CID 2751 in clause 9.20.5.6 of TGah Draft 1.1.

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| **CID** | **Clause** | **Page** | **Line** | **Comment** | **Proposed Change** | **Resolution** |
| 2751 | 9.20.5.6 | 176 | 04 | RAW structure has been changed and the text in the subclause needs to align with the change | Please change according to 8.4.2.170b RPS element: Resource Allocation Frame Presence changed to RAW Type Options subfield bit 1; and Access Restricted to Paged STAs Only bit changed to RAW Type Options subfield bit 0" | Revised- TGah editor to make changes shown in 11-13/XXXXr0 under the heading for CID 2751 |

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 2751:**

***Discussions:***

CID 2751: Agree with the comment and revise accordingly.

I have replaced the term “Resource Allocation Frame Presence Indication” by Bit 1 in the RAW Type Options subfield and also the term “Access Restricted to Paged STAs Only bit” by Bit 0 in the RAW Type Options subfield. Moreover, I have mentioned that these Bit 1 and Bit 0 are only applicable for the regular RAW, indicated by the RAW Type subfield.

**Instruction to TGah Editor: make the following changes to subclause 9.20.5.6:**

**9.20.5.6 RAW Operation with Resource Allocation frame**

***Modify the paragraphs starting at Page 176 Line 50 as follows:***

The AP may broadcast a Resource Allocation (RA) frame not earlier than the beginning of the RAW, with RAW Type subfield indicating a Regular RAW (see 8.4.2.170b RPS element), if the value ~~in~~ of Bit 1 (RA Frame) in the RAW Type Options ~~Resource Allocation Frame Presence Indication~~ subfield within RAW Control ~~Options~~ subfield of the corresponding RAW Assignment field in RPS element is set to 1. If the value of Bit 0 (Paged STA)~~Access Restricted to~~ ~~Paged STAs~~ ~~Only bit~~ in the RAW Type Options subfield within RAW Control subfield of the corresponding RAW Assignment field in RPS element is set to 1, then the RA frame indicates the RAW slot assignment for paged STAs that are included in the RAW Group. The AP assigns a RAW slot to either an individual STA indicated by the Partial AID subfield or a group of STAs indicated by the Group ID subfield within the Slot Assignment field of the RA frame.

If the value of Bit 0 (Paged STA)~~Access Restricted to Paged STAs Only bit~~ in the RAW Type Options subfield within RAW Control subfield of the corresponding RAW Assignment field in RPS element is set to 0 and an RA frame is broadcasted at RAW Start Time, then the STAs within the RAW Group may wake up to receive this frame in order to learn their assigned RAW slots for their UL and DL traffic and corresponding Slot Start Offsets. If the value of Bit 0 (Paged STA)~~Access Restricted to Paged STAs Only bit~~ in the RAW Type Options subfield within RAW Control subfield of the corresponding RAW Assignment field in RPS element is set to 1 and an RA frame is broadcasted at RAW Start Time, only the paged STAs within the RAW Group may wake up to receive this frame in order to learn their assigned RAW slots for their DL traffic and corresponding Slot Start Offsets. The STAs, after receiving the RA frame, may go back to sleep and wake up at their assigned RAW slots. In an assigned RAW slot, a STA may wait for DL traffic if the UL/ DL bit within the Slot Assignment field of the RA frame is set to 0. If the bit is set to 1, the STA starts to access the channel based on the method illustrated for RAW operation (see 9.20.5.1), indicating that the AP has no DL buffered data for the STA. If a RAW slot is assigned to a group of STAs, the STAs may wait to receive DL traffic from the AP.