IEEE P802.11
Wireless LANs

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| LB 205 Comment Resolution on CIDs 5069, 5175, 5362, 5364 |
| Date: 2015-1-15 |
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Abstract

This submission proposes resolutions for comments in 8.4.2.170c, 9.22.5.4 and 9.22.5.5 of TGah Draft 3.0 with the following CIDs:

* 5069, 5175, 5362, 5364

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.***

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| **CID** | **Commenter** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 5069 | MARK EMMELMANN | 137.17 | 8.4.2.170c | Usually, values are given in base 10 and not base 2 | Change 01000 to 15 | RevisedTGah editor convert the binary values in subclause 8.4.2.170c to their respective decimal values. |
| 5175 | Liwen Chu | 137.34 | 8.4.2.170c | "when they have no group addressed frames" is not right. It should be "when the AP indicates there is no futher buffered group addressed frames for transmission." | As in comment | RevisedTGah editor to make the changes shown in 11-15/0185r0 under all headings that include CID 5175. |
| 5362 | Alfred Asterjadhi | 274.41 | 9.22.5.5 | "anSTA shall"-->"a STA shall" Also what does resume mean. Is it formally described somewhere? | As in comment | RevisedResume is consistently used in REVmc and agree with the typo.TGah editor to make the changes shown in 11-15/0185r0 under all headings that include CID 5362. |
| 5364 | Alfred Asterjadhi | 273.44 | 9.22.5.4 | Where is it specified that STAs cannot access RAW slots that are not assigned to them? | As in comment. Also there are still occurrences of time slot. Last time I checked we are using RAW slot terminology. Please use RAW slot consistently throughout this 9.22.5 subclause. | RevisedTGah editor to replace “slot” with “RAW slot” throughout this subclause and 8.4.2.170b.TGah editor to make the changes shown in 11-15/0185r0 under all headings that include CID 5364. |

**Discussion: (None)**

**CID #5175: TGah Editor: *Please change the existing paragraph in Page 137 Line 24 with the following paragraph:***

The Page Bitmap field indicates presence of buffered data for each of the one or more blocks in all the assigned page slices within a page period. A bit in the Page Bitmap field indicates information of buffered data for STAs in one block of a page slice corresponding to the location of the bit in the bitmap. The first block indicated in the Page Bitmap field is the block indicated in the Block Offset subfield. Based on the number of page slices assigned to the TIMs, this field is of variable length from 0-4 octets. A value of 10000001 in the Page Bitmap field indicates that there is buffered data for at least one STA in the first block and at least one STA in the last block. The bit sequence also indicates that only a page slice of 8 blocks is assigned within a page period. Further, the bit sequence indicates that there is no downlink buffered data for any STA in blocks 1 to 6 and STAs in these blocks. Hence these STAs can enter the doze state after receiving the group addressed BUs that are delivered by the AP following the DTIM Beacon as described in 10.2.2 and can avoid to wake up for the assigned TIM in the following T(S)BTTs within the DTIM interval to check for downlink buffered data. .

**CID #5362: TGah Editor: *Please change the existing paragraph in Page 274 Line 36 with the following paragraph:***

Each STA performing EDCA access suspends an operation of its EDCAF at the start of each RAW and stores the value of the backoff counter, CW[AC], QSRC[AC] and QLRC[AC] as the first backoff state. At the end of the RAW, the stored first backoff function state is restored and an operation of the EDCAF is resumed. If the previously stored first backoff function state is empty, the EDCAF of a STA shall invoke a backoff procedure, even if no additional transmissions are currently queued.

**CID #5364: TGah Editor: *Please change the existing paragraph in Page 270 Line 15 with the following paragraph:***

If the TIM STA belongs to the RAW group, it is allowed to contend for medium access at the start of its assigned RAW slot (see 9.22.5.3 (Slot assignment procedure in RAW)) and shall not contend for medium access within a RAW slot not assigned to it during thatRAW.