IEEE P802.11
Wireless LANs

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| LB 205 Comment Resolution for miscellaneous part 3 |
| Date: 2014-12-20 |
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Abstract

This submission proposes resolutions for multiple comments of TGah Draft 3.0 with the following CIDs:

* 5201, 5230

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** |
| 5201 | Liwen Chu | 184.50 | 8.6.8.7 | Why do you need Extended Channel Switch Announcement when 1 S1G BSS switches the operation channel to 1MHz/2MHz channel? | Clarify it. | Revised –Agree in principle with the comment. For an S1G STA an operation in a channel width that is greater than 2 MHz is considered as a wide band operation. Hence the proposed resolution is to clarify that the Extended Channel Switch Announcement element is present only when switching to a wider than 2 MHz channels. Also the resolution clarifies that the 2 MHz does not qualify as a wideband channel in the TDLS channel switching case. TGah editor to make the changes shown in 11-14/1613r0 under all headings that include CID 5201. |

**Discussion:** *None.*

* **Extended Channel Switch Announcement frame format**

**TGah Editor: *Change the paragraph below as follows (#5201):***

This Wide Bandwidth Channel Switch element is present either when extended channel switching to a channel width wider than 40 MHz, or when extended channel switching to a channel width wider than 2 MHz and the frame carrying the element is an S1G PPDU; otherwise this element is not present. The Wide Bandwidth Channel Switch element is defined in 8.4.2.160 (Wide Bandwidth Channel Switch element). The Wide Bandwidth Channel Switch element indicates the BSS operating channel width after extended channel switching (see 10.40.1 (Basic VHT BSS functionality) and 10.44c.1 (Basic S1G BSS functionality).

**10.23.6.4 Setting up a wide bandwidth off-channel direct link**

**10.23.6.4.1 General**

**TGah Editor: *Change the paragraph below as follows (#5201):***

A wideband TDLS off-channel TDLS direct link is a 40 MHz, 80 MHz, 160 MHz, or 80+80 MHz off-channel TDLS direct link for VHT STAs, or 4 MHz, 8 MHz, or 16 MHz off-channel TDLS direct link for S1G STAs.

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| **CID** | **Commenter** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 5230 | Liwen Chu | 332.24 | 10.1.3.8 | It seems that the lowest AID that shall be assigned to an S1G STA shall be 2^n for all page. This means there is no restriction for AID allocation to page 1, 2, 3. Otherwise TIM element subclause should be rewrited according to the rules that AID whose LSB 9bits are smaller than 2^n shall not be allocated to STAs. | As in comment. | Revised –Agree in principle with the comment that the statement is not clear. Proposed resolution is to clarify that an AP that uses 2^n allocations of the TIM bitmap for the multiple BSSID procedure shall not allocate AIDs to any STA from the first 2^n positions of each page of the TIM bitmap.TGah editor to make the changes shown in 11-14/1613r0 under all headings that include CID 5230. |

**Discussion:** *None.*

* **Multiple BSSID procedure**

**TGah Editor: *Change the paragraph below as follows (#5230):***

The Partial Virtual Bitmap field in the transmitted BSSID Beacon, S1G Beacon ~~frame~~ or DMG Beacon frame shall indicate the presence or absence of traffic to be delivered to all stations associated to a transmitted or nontransmitted BSSID. The first 2*n* bits of the bitmap are reserved for the indication of group addressed frame for the transmitted and all nontransmitted BSSIDs. The AID space is shared by all BSSs and the lowest AID value that shall be assigned to a ~~station~~ non-S1G STA(#Ed) is 2*n* (see 8.4.2.6 (TIM element)). The AID that is assigned to an S1G STA shall be such that the decimal value of its 11 LSBs is greater than 2*n*. The Encoded Blocks that contain these first 2*n* AIDs (if any) shall precede the Encoded Blocks that contain AIDs for the S1G STAs in the S1G Partial Virtual Bitmap field of each page.