IEEE P802.11
Wireless LANs

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| LB 203 Comment Resolution for CIDs assigned to Editor |
| Date: 2014-09-17 |
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Abstract

This submission proposes resolutions for comments in clause 11 of TGah Draft 2.0 with the following CIDs (9 CIDs):

* 4038, 4037, 4036, 4025, 4021, 4145, 3297, 3494, 3396

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** |
|  |  |  |  |  |  |  |
| 4038 | Ronald Murias | 4.00 | 4.13 | I object to the resolution of CID 1015. 14/337r3 has no resolution for CID 1013. It changes one paragraph in 4.13 but does not address the concerns raised (117 instances of can to be reviewed). | See comment. | Revised –TGah editor to review all the occurrences of “can” and replace with the appropriate term, following the IEEE802.11 style guide, when necessary. |
| 4037 | Ronald Murias | 4.00 | 4.13 | I object to the resolution of CID 1014. 14/337r3 has no resolution for CID 1013. It changes one paragraph in 4.13 but does not address the concerns raised (117 instances of can to be reviewed). | See comment. | Revised –TGah editor to review all the occurrences of “can” and replace with the appropriate term, following the IEEE802.11 style guide, when necessary. |
| 4036 | Ronald Murias | 4.00 | 4.13 | I object to the resolution of CID 1013. 14/337r3 has no resolution for CID 1013. It changes one paragraph in 4.13 but does not address the concerns raised (117 instances of can to be reviewed). | See comment. | Revised –TGah editor to review all the occurrences of “can” and replace with the appropriate term, following the IEEE802.11 style guide, when necessary. |
| 4025 | Rojan Chitrakar | 82.00 | 8.3.5.1 | What is the frame subtype for PS-Poll+BDT frame? | Please clarify | Rejected –The PS-Poll+BDT frame is a frame of type Control and subtype PS-Poll. Please refer to the description in subclause 8.3.1.5.1: “A PS-Poll with the Duration/ID field that contains a duration value which is set as described in 8.2.5 (Duration/ID field (QoS STA)) is a BDT variant of the PS-Poll frame and is referred to as PS-Poll+BDT frame.” |
| 4021 | Rojan Chitrakar | 99.00 | 8.4.1.50 | Referred section (8.6.24.13 (S1G Operating Mode Notification frame format for an S1G STA)) does not exist. | Please update | Revised –Agree with commenter. Proposed resolution is the same as for CID 3246 which is quoted here:“The reference should be removed as it has the same format as the VHT frame. It is also not necessary to modify 1st paragraph of the subclause in the baseline draft.”TGah editor to make the changes showin in 11-14/1114r1 under all headings that include CID 3246. |
| 4145 | Yan Zhang | 151.00 | 8.4.2.170 | The purpose of deploying wider bandwidth devices at 1MHz mode is for range extension. Hence only low MCSs up to MCS10 are needed at 1MHz mode since higher QAM mostly likely will be overlap with the rates operating at 2MHz. | Only lower MCSs are needed for wider bandwidth devices operating at 1MHz. Higher MCSs are supported only when devices operate at wider bandwidth with the same Nss. Therefore, a separate Tx/Rx MCS map should be defined for 1MHz. | Revised –Agree in principle with the commenter. Proposed resolution is the same as for multiple CIDs in 8.4.2.170j.3 which resolutions are fit for this CID as well. The resolution of one of these CIDs e.g., CID 3574 is as follows”Agree in principle with the comment. While a device needs to support both 1Mhz and 2Mhz PPDUs it can be beneficial for the device to indicate separate MCS sets for these 2 bandwidths. Proposed resolution is to enable a STA to indicate an independent S1G-MCS set for 1 SS@1 MHz.TGah editor to make the changes shown in 11-14/1088r0 under all headings tha include CID 3574. |
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| 3297 | Alfred Asterjadhi | 205.00 | 8.9.1.1 | This paragraph contains some description that can be found two paragraphs below as well. Remove this redundancy by applying the suggested change. | Replace the paragraph with: "The Address Indicator field indicates whether the RA/Partial BSSID field contains an RA or a Partial BSSID." Same for NDP\_2M CTS in 8.9.1.2. | Revised –Agree in principle. A similar issue was pointed out by CID 3298 and has been resolved as a result. We quote the resolution for this CID below:The TGah Editor to modify the text as indicated in the documentdoc.: IEEE 802.11-14/1183r0 under CID 3298. |
| 3494 | David Hunter | 288.00 | 9.46 | Confusion reigns: "with a value of true for .. that has any ... that has a value of false for ... shall include ... with ... equal to .. if there is ... , and shall set ". Break this sentence up into separate clear components. | Replace this paragraph with:"If an AP meets the following conditions: -- Its dot11PageSlicingSupported is true. -- The dot11PageSlicingSupported value in least one of its associated STAs is false. -- There is buffered traffic for at least one of the associated STAs.then the AP shall: -- Include in all S1G Beacons a TIM element whose Page Index field value is equal to the corresponding page index and whose Page Slice number is 31 -- Set the bits in the virtual bitmap of that TIM for those STAs, per the rules specified in 10.2.2.6 (AP operation during the CP)" | Revised –Agree in principle with the comment. Resolution accounts for suggested change.TGah editor to make the changes shown in 11-14/1296r0 under all headings that contain CID 3494. |
| 3396 | Bo Sun | 289.00 | 9.46 | change "short beacon" to"S1G Beacon" in Figure 9-34 | as the comment suggests. | Revised –Proposed resolution the same as for CID 3861 that replaces the “short beacon” with “Beacon”.TGah editor to make the changes showin in 11-14/1182r0 under all headings that include CID 3861. |
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***Discussion:*** *None.*

**TGah Editor: *Change the 7th paragraph of subclause 9.46 (Page Slicing) as follows (#3494):***

If an AP meets the following conditions:

* its dot11PageSlicingSupported is true
* Has any STA(s) associated with it that has a value of false for dot11PageSlicingSupported within a page

then the AP shall:

* Include in all the S1G Beacons a TIM element with Page Index field equal to the corresponding page index and Page Slice Number field equal to 31, if there is buffered traffic for at least one of the STA(s)
* Set the bits in the virtual bitmap of that TIM for those STAs, according to the rules described in 10.2.2.6 (AP operation during the CP).