IEEE P802.11
Wireless LANs

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| Resolution for some GEN comments in SB1 |
| Date: 2016-02-22 |
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##### This submission presents proposed resolution to CID 7109, 7110, 7356, 7440, 7405 and 7135. Changes indicated by instructions.

##### Revision history:

##### R0 – initial version

R1 – remove CIDs 7386, 7422, 7404 and 7408

R2 – update as per the changes made in the BRC meeting on February 24.

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| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7109 | C.3 | 2919 | 7 | This MIB variable (dot11EstimatedServiceParametersOptionImplemented) is not cited from any group or compliance statement, and therefore there are no conformance requirements on it. | Cite it from an appropriate group or conformance statement. |

***Discussion:***

dot11EstimatedServiceParametersOptionImplemented belongs to Dot11StationConfigEntry:



The commenter points out correctly that this MIB variable is neither cited from an appropriate group nor conformance statement.

A suggestion is to include this MIB variable in dot11SMTbase13 object group:



***Resolution:***

**Revised**

### TGmc Editor: Add “dot11EstimatedServiceParametersOptionImplemented” in line 3361.11. At the lines at 3359.40-45, change the sentences to

-- dot11SMTbase13 includes all changes made between IEEE Std 802.11-2012 and IEEE Std 802.11-<year>.

-- Amendments to IEEE Std 802.11-<year> should not make any modifications to dot11SMTbase13. The first amendment needing to modify the dot11SMTbase object should deprecate dot11SMTbase13 and define a replacement to hold changes.

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| CID | Clause | Page | Line | Comment | Proposed Change |
| 7110 | C.3 | 2971 | 30 | This variable (dot11LciCivicInNeighborReport) and the follow 3 are not cited in any group or compliance statement. This means there is no requirement ever to implement them. | Add them to an appropriate group or compliance statement. |

***Discussion:***

The 4 MIB variables the commenter refer to are:

* dot11LciCivicInNeighborReport;
* dot11RMFineTimingMsmtRangeRepImplemented;
* dot11RMFineTimingMsmtRangeRepActivated; and
* dot11FineTimingMsmtInitActivated.

These 4 variables are actually already added in the following group, dot11FineTimingMeasurement:



***Resolution:***

**Reject**

**These attributes are in dot11FineTimingMeasurement group, which is in dot11WNMCompliance compliance statement.**

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| CID | Clause | Page | Line | Comment | Proposed Change |
| 7356 | C.3 | 3073 | 51 | It says "2(13 + Maximum A-MPDU" | Add "\*\*" after "2" |

***Discussion:***

Refering to line 3073.51,



In 9.4.2.56.3, we have



***Resolution:***

**Accept**

### TGmc Editor: Change “2(13 + Maximum A-MPDU” to “2 \*\* (13 + Maximum A-MPDU”

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| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7440 | G.3 | 3403 | 45 | Doesn't "( [RTS CTS] non-cf-ack-piggybacked-qos-poll-sequence )" need a | at the end? Otherwise it is effectively prepended to cf-ack-piggybacked-qos-poll-sequence on the next line | Add a | at the end |

***Discussion:***

Refering to line 3403.45,



***Resolution:***

**Accept**

### TGmc Editor: Add a “|” at the end of the line in lne 3403.45.

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| CID | Clause | Page | Line | Comment | Proposed Change |
| 7405 | 21.2.5.3 | 2506 | 13 | You need to use 20U if the prim is above the sec | Change < to > |

***Discussion:***

In line 2506.13,



It can be observed that the logic is not correct because, as both commenters point out, one need to use the upper 20 MHz portion of a 40 MHz channel if the channel frequency of primary channel is above that of the secondary channel.

***Resolution:***

**Accept**

### TGmc Editor: In line 2506.13, change “<” to “>”.

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| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7135 | 21.2.5.2 | 2504 | 31 | I believe the inequality is the wrong way round. | change "less than" to "greater than" in the inequality on this line.Make matching change at 2506.13And change the text at 2330.43 to match. |

***Discussion:***

The discussion of this CID is covered by CID 7405 (in this document), and CIDs 7404 and 7408 (in submission 16/0291r0).

***Resolution:***

**Revised**

### TGmc Editor:

### Follow the resolution of CIDs 7404 and 7048 (in submission 16/0291r0) to:

1. Change text on page 2230, starting at line 36 as follows:

**19.2.5 Support for NON\_HT formats**

In order to transmit a non-HT PPDU, the MAC shall set the CH\_BANDWIDTH and CH\_OFFSET in the

TXVECTOR to achieve the required non-HT PPDU format (see Table 19-2 (PPDU format as a function of

CH\_BANDWIDTH and CH\_OFFSET parameters)); for 20 MHz bandwidth transmissions in a 40 MHz

channel, the CH\_OFFSET shall be ~~CH\_OFF\_20U~~ CH\_OFF\_20L if the SECONDARY\_CHANNEL\_OFFSET parameter of the PHYCONFIG\_VECTOR was SECONDARY\_CHANNEL\_ABOVE, or ~~CH\_OFF\_20L~~ CH\_OFF\_20U otherwise.

1. Change text on page 2504, starting at line 24 as follows:

**21.2.5.2 Support for NON\_HT format when NON\_HT\_MODULATION is OFDM**

In order to transmit a non-HT PPDU, the MAC shall set the CH\_BANDWIDTH ~~and CH\_OFFSET in the~~

~~TXVECTOR~~ to achieve the required non-HT PPDU format (see Table ~~19-2~~ 21-7~~(PPDU format as a function of~~

~~CH\_BANDWIDTH and CH\_OFFSET parameters)~~); ~~for 20 MHz bandwidth transmissions in a 40 MHz~~

~~channel, the CH\_OFFSET shall be CH\_OFF\_20U if~~ *~~f~~*~~P20,idx <~~ *~~f~~*~~S20,idx, or CH\_OFF\_20L otherwise. The quantities~~ *~~f~~*~~P20,idx and~~ *~~f~~*~~S20,idx are defined in 21.3.7.3 (Channel frequencies).~~



### Then follow the resolution of CID 7405 to change “<” to “>” in line 2506.13.