IEEE P802.11
Wireless LANs

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| Comment resolution on MIBs – part 1 |
| Date: 2018-11-12 |
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This submission present a resolution for CIDs 15148, 15149, 15150, 15151, 15152, 16224, 16420, 16720, 16112, 16113, 16332, 16333, and 16875. The proposed changes are based on P802.11ax D3.2.

##### Revision history:

##### R0 – initial version

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| CID | Clause | Page | Line | Comment | Proposed Change | Resolution |
| 15148 | 28.4.2 | 583 | 14 | HE PHY MIB attributes make reference to "dual band" in 802.11-2016 dual band was replaced with Multi-band update MIB attribute in Table 28-50 dot11HEDualBandImplemented | Change dot11HEDualBandImplemented to dot11HEMultiBandImplemented | Accepted |
| 15149 | Annex C | 650 | 21 | Annex C MIB attributes make reference to "dual band" in 802.11-2016 dual band was replaced with Multi-band update MIB attribute in sequence dot11HEDualBandImplemented | Change dot11HEDualBandImplemented to dot11HEMultiBandImplemented | Accepted |
| 15150 | Annex C | 651 | 33 | Annex C MIB attributes make reference to "dual band" in 802.11-2016 dual band was replaced with Multi-band update MIB attribute in sequence dot11HEDualBandImplemented | Change dot11HEDualBandImplemented to dot11HEMultiBandImplemented | Accepted |
| 15151 | Annex C | 668 | 35 | Annex C MIB attributes make reference to "dual band" in 802.11-2016 dual band was replaced with Multi-band update MIB attribute in sequence dot11HEDualBandImplemented | Change dot11HEDualBandImplemented to dot11HEMultiBandImplemented | Accepted |
| 15152 | Annex C | 651 | 43 | Annex C MIB attributes make reference to "dual band" in 802.11-2016 dual band was replaced with Multi-band update MIB attribute in sequence Change... supports dual band operation... to...supports multi band operation.... | Change as commented | RevisedFor the sake of consistency (with respect to the P802.11md/1.6), change “supports dual band operation” to “supports multi-band operation”. |
| 16224 | C.3 | 651 | 33 | A STA only operates on one band at any given time; there is no such thing as a dual-band STA | Delete the "dot11HEDualBandImplemented" MIB variable and the reference to it in Table 28-50 | Revised."dual band" in 802.11-2016 dual band was replaced with Multi-band update MIB attribute.Change dot11HEDualBandImplemented to dot11HEMultiBandImplemented.Note to Editor:The changes are implemented by CIDs 15148 and 15150. |
| 16420 | Annex C | 650 | 14 | Remove "dot11HEDualBandImplemented" mention in D3.0. The associated bit in D2.0 being now marked as reserved in the HE PHY Capabilities Information field, having such parameter doesn't make sense anymore.It is mention+A43ed in:- ┬º28.4.2, Table 28-50, p583,l14 --> remove the associated row- ┬ºC.3 (Dot11PhyHEEntry entry), p650,l21 --> remove the associated row- ┬ºC.3 (dot11HEDualBandImplemented entry), p 651,l34 --> remove the complete entry | As in comment. | Revised."dual band" in 802.11-2016 dual band was replaced with Multi-band update MIB attribute.Change dot11HEDualBandImplemented to dot11HEMultiBandImplemented throughput the draft amendment.Note to Editor:The changes are implemented by CIDs 15148, 15149, 15150, 15151, and 15152. |
| 16720 | 28.4.2 | 583 | 14 | Table has superfluous elements | Remove the following elements from the table as they are not related to PHY capabilities:- Dual band support- Punctured preamble TX | Revised."dual band" in 802.11-2016 dual band was replaced with Multi-band update MIB attribute.Change dot11HEDualBandImplemented to dot11HEMultiBandImplemented in Table 28-51.Delete the entries “dot11HEPuncturedPreambleTxImplemented” and “dot11HEPuncturedPreambleTxActivated” in Table 28-51.Delete “dot11HEPuncturedPreambleTxImplemented” and “dot11HEPuncturedPreambleTxActivated” in page 685 lines 1 and 2.Note to Editor:The change related to dual band is are implemented by CID 15148. |

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| CID | Clause | Page | Line | Comment | Proposed Change | Resolution |
| 16112 | C.3 | 645 | 60 | "The default value of this variable is 30 mins and the maximum is 1 hr." duplicates the SYNTAX and DEFVAL lines | Delete the cited line; also the " in seconds" two lines above | Accepted |
| 16113 | C.3 | 645 | 53 | It is not clear why one might not want a tolerance time less than 5 minutes. Maybe even 0 | Change "300..3600" to "0..3600" at the referenced location | Accepted |

***Discussion:***

The default value is presented in line 32 “DEFVAL { 1800 }, and the maximum value is presented in line 24 “SYNTAX Unsigned32 (300…3600). The description “in seconds” is also a duplicate information because the UNITS “seconds” is presented in line 25.



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| CID | Clause | Page | Line | Comment | Proposed Change | Resolution |
| 16332 | C.3 |  |  | MIB does not compile | Ensure MIB compiles | RejectedThe comment fails to identify changes in sufficient detail so that the specific wording of the changes that will satisfy the commenter can be determined.Note to the commenter: For the mandatory draft review, MIB compliance will be checked and ensured. |
| 16333 | C.3 |  |  | MIB does not have all the compliance groups | Ensure MIB has all the compliance groups | RejectedThe comment fails to identify changes in sufficient detail so that the specific wording of the changes that will satisfy the commenter can be determined.Note to the commenter: For the mandatory draft review, MIB compliance will be checked and ensured. |

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| CID | Clause | Page | Line | Comment | Proposed Change | Resolution |
| 16875 | C.3 | 646 | 52 | There are references to documents mark-ups starting with "(18" within the document, which means it's not in a suitable state for sponsor ballot. | Remove the document reference on this line and similar ones throughout the document. | Revised.Delete all of the 34 instances of “(18” throughout the draft amendment.  |