IEEE P802.11  
Wireless LANs

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| 802.11  [LB253 CR for various comments by TGaz]  (relative to P802.11az/D3.0) | | | | |
| Date: 2021-07-12 | | | | |
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**Abstract**

This submission contains proposals to resolve LB#253 CIDs 5410, 5375, 5475, 5150, 5349, 5373, 5386, 5387 (8 CIDs total).

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| **CID** | **Page/**  **Line** | **Clause** | **Comment** | **Proposed change** | **Resolution** |
| 5410 | 224.18 | 27.3.18a | The term "insecure" has a negative connotation (weak) and should be replaced by something less negative | Replace "insecure" with "regular" or "non-secure" globally throughout the document | Revise.  This is a duplicate of CID 5127.  The term insecure LTF is an LTF defined in 802.11ax amendment and as such replaced with HE LTF which is the definition for this wave form.  Changes performed to D3.1 replaced all instances of insecure LTF.  TGaz editor – no further action needed. |
| 5375 | 238 | 27.3.21 | TXTIME computation needs to be updated for repetition case and multi-user Secure HE-DL-NDP case, refer to 27.4.3 section in 11ax draft 8.0 for details | as in comment | Revise?  This is a duplicate of 5472.  Refer to discussion below in submission <https://mentor.ieee.org/802.11/dcn/21/11-21-1162-00-00az-LB253-July-TG-CR-accompany-to-1084-part-2.docx>  TGaz editor make changes identified below in submission <https://mentor.ieee.org/802.11/dcn/21/11-21-1162-00-00az-LB253-July-TG-CR-accompany-to-1084-part-2.docx> |
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| 5475 | 233.35 | 27.3.18d | There is no equation making use of w\_FD(k). Also, there is no equation defining the zero-power GI. | In 27.3.18d, add an equation similar to Equation (27-58), but making use of w\_FD(k).  Also, that equation should not use the time domain windowing function w\_{T\_{HE-LTF}} which eventually can be traced back to Equation (17-4) which means that the GI has non-zero energy (equal energy per sample as the useful FFT duration). So a new time domain windowing function would have to be defined for this new equation which makes the GI have zero energy. | Reject.  Comment withdrawn by commenter. |
| 5349 | 253.3 | C.3 | From the usage of dot11I2RLMRFeedbackPolicy, and the response to CID3455 on the last ballot, it seems that this MIB attribute is actually a choice between two policy options, and is not a "TruthValue". It should be an enumerated INTEGER | Change SYNTAX to "INTEGER { <values> }", with <values> as an enumerated list, of 0 and 1, choosing an appropriate name for the options. For example, nolmrfeedback (0), lmrfeedback (1), or something similar. Also change to "INTEGER" at P256.29 | Revise  Agree in principle  TGaz editor make changes identified below in  <https://mentor.ieee.org/802.11/dcn/21/11-21-1162-00-00az-LB253-July-TG-CR-accompany-to-1084-part-2.docx> |

**Resolution:**

**TGaz editor make the following changes to D.3.0 P253 L.3 :**

dot11I2RSTALMRFeedbackPolicy enumerated INTEGER { nolmrfdbk (0) | Individualnegotiatedlmrfdbk(1)}

**TGaz editor make the following changes to table 9-153 :**

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| 97 | I2R LMR Feedback Policy | A STA sets the I2R LMR Feedback Policy field to 1 if dot11I2RLMRFeedbackPolicy is equal to Individuallmrfdbk. Otherwise the STA sets the ISTA2RSTA LMR Feedback Policy field to 0. See [11.21.6.3.3](#H11o21o6o3o3) (Trigger-based and non-Trigger-based Ranging Measurement Negotiation)  The I2R LMR Feedback Policy field indicates the policy of the STA in the role of an RSTA, and it is reserved for a STA in the role of an ISTA. |

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| 5373 | 188.23 | 11.21.6.6.2 | It should be possible for an RSTA to terminate a NTB/TB session by sending an FTM w/ dialog token field set to 0 | Allow an FTM w/ Dialog Token = 0 to terminate a NTB/TB session, like the current (EDCA) FTM | **Reject**.  For an explicit FTM session termination by an RSTA, it is required to assure the ISTA is available to receive the termination notification. In EDCA based FTM this is achieved naturally as the ISTA is required to be available during the availability window called ‘bursts’.  In TB and NTB the availability duration is limited (Tx OP), thus to assure the ISTA is available the LMR in the measurement sequence (which is always part of the measurement sequence) is appended by an FTM with Dialog Token equal zero.  It is possible to create unique associated and unassociated FTM procedure behaviors but the value of that is highly questionable. |
| 5386 | 22.29 | 4.3.19.19 | The meaning of "FTM session", "TB measurement session" and "Non-TB measurement session" is not clear. Is it the same as "frame exchange"?  Is a "TB measurement" the same thing as a "TB measurement exchange"? If so, use the same term. | Clarify these terms | **Reject**.  The definition of FTM session is provided in P.115 L.13 (2nd sentence of the overview section of the FTM procedure). The definition in 22.29 is defining how this general term “FTM session” has 3 types: EDCA based, TB and NTB. Adding the definition the commenter seeks creates unintended duplication. |

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| 5387 | 220.0 | 27.2.2 | Incomplete description of TIME\_OF\_DEPARTURE\_R parameter. What does false indicate? | Assign meaning to false. (or extend current definition with ";otherwise set to false" | **Revised.**  Agree in principle.  D3.1 incorporated a change in table 27-1 for TIME\_OF\_DEPARTURE\_REQUESTED set to false. Refer to D3.1 P.227 L.17 “  False indicates that the MAC entity requests that the PHY entity neither measures nor reports time of departure parameters. “  TGaz editor no further action needed. |