IEEE P802.11  
Wireless LANs

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| LB253 Resolution to some CID set4 | | | | |
| Date: 2021-07-02 | | | | |
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Abstract

Editor instruction based on D3.1

CIDs resolved: 5101, 5438, 5110, 5269, 5446

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| 5101 | 40.00 | 8.3.5.20.1 | "This primitive is a request by the MAC sublayer to the local PHY entity to provide the Secure TRN 17 bit sequences for the receipt of the EDMG secure ranging PPDU." - Language is opaque. To what entity does the PHY entity proivde the bit sequene? | replace offending text with "This primitve is a request by the MAC sublayer to the local PHY entity to generate the secure TRN bit seqeunces for the receipt of the EDMG secure ranging PPDU based on the information provided in the TRNVECTOR." | **Revise**  **Instruction to TGaz Editor:**  Make the changes as shown in https://mentor.ieee.org/802.11/dcn/21/11-21-1043-01-00az-LB253-resolution-to-CID-set4.docx |

***TGaz Editor: Change the text in P40L17-18 as follows:***

This primitive is a request by the MAC sublayer to the local PHY entity with a TRNVECTOR parameter to provide the Secure TRN bit sequences for the receipt of the EDMG secure ranging PPDU.

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| 5438 | 57.00 | 9.4.2.21.10 | Figure 9-256d, the format of B20 and B29 indication is wrong. Please clarify whether this is the only change of this figure from 11az\_D2.0 | As in comment. | Revise  **Instruction to TGaz Editor:**  Make the changes as shown in https://mentor.ieee.org/802.11/dcn/21/11-21-1043-00-00az-LB253-resolution-to-CID-set4.docx  ***(making sure B20 and B29 are on the same line)*** |

***TGaz Editor: Modify Table 9-256d as follows (making sure B20 and B29 are on the same line)***

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|  | B0 B9 | B10 B19 | B20 B29 | B30 B39 | B40 B47 | |  | |
|  | X Coordinate (for antenna 1) | Y Coordinate (for antenna 1) | Z Coordinate (for antenna 1) | Common Phase Adjustment  (for antenna 1) | Delay  (for antenna 1) |  | … |
| Bits: | 10 | 10 | 10 | 10 | 8 | |  | |
|  |  |  |  |  |  | |  | |
|  |  |  |  |  |  | |  | |
|  | B( NTx\_sel-1)x48 | |  |  | B NTx\_sel x48-1 | | | |
|  | X Coordinate (for antenna NTx\_sel) | Y Coordinate (for antenna NTx\_sel) | Z Coordinate (for antenna NTx\_sel) | Common Phase Adjustment (for antenna NTx\_sel) | Delay (for antenna NTx\_sel) | |  | |
| Bits: | 10 | 10 | 10 | 10 | 8 | |  | |

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| 5110 | 61.00 | 22 | 9.4.2.127.10 | "A DMG STA ..." - this is specific to ISTA | replace with "A DMG ISTA" | **Reject** –  in a capabilities field the ISTA/RSTA roles are not assigned yet. |

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| 5269 | 63.00 |  | 9.4.2.167 | Loss of sync with baseline. P802.11REVmd D5.0 describes the Status Indication field in the following paragraphs: "(#2115)The Status Indication subfield indicates the responding STA's response to the initial Fine Timing Measurement Request frame(#4370). The encoding of the Status Indication subfield is shown in Table 9- 278 (Status Indication subfield(#2115) values). The Status Indication (#2115)subfield and Value (#2115)subfield are reserved in the initial Fine Timing Measurement Request frame. When the Status Indication (#2115)subfield is set to 3 by the responding STA, the Value (#2115)subfield contains a duration in units of seconds; otherwise the Value (#2115)subfield is reserved." | The base line text designates the Status Indication and Value as subfields and does not use the acronym for initial Fine Timing Measurement Frame.  In addition in the description of Ranging Parameters element (9.4.2.298 in p802.11az D3.0) the Status Indication and Value are referred to as fields (not subfields). Why the inconsistency. If initial Fine Timing Measurement Request is replaced by IFTMR then why is this not reflected as changes to the baseline for Fine Timing Measurement Parameters element? | Revise  **Instruction to TGaz Editor:**  Make the changes as shown in https://mentor.ieee.org/802.11/dcn/21/11-21-1043-00-00az-LB253-resolution-to-CID-set4.docx |

***TGaz Editor: replace the paragram in P63L5-7 as follows (note to TGaz editor: the changes in the paragraph are: change “field” to “subfield” and add the strikethrough and underline at the right text to indicate change from the baseline)***

The Status Indication subfield and Value subfield are reserved in the ~~initial Fine Timing Measurement~~

~~Request~~ IFTMR frame. When the Status Indication subfield is set to 3 by the responding STA, the Value subfield contains a duration in units of seconds; otherwise the Value subfield is reserved.

*TGaz Editor: Modify the text in P74L5-9 as follows:*

The Status Indication subfield indicates the RSTA’s response to the Fine Timing Request. The encoding of the Status Indication subfield is shown in Table 9-278 (Status Indication field values).

The Status Indication subfield and Value subfield are reserved in the IFTMR frame. When the Status Indication subfield is set to 3 by the RSTA, the Value subfield contains a duration in units of seconds; otherwise the Value subfield is reserved.

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| 5446 | 92.00 | 8 | 9.6.6.6 | "The element indicates a request for  Neighbor Report elements containing information about neighboring DMG (#3533, #3535) APs supporting location services. " Why is the report only for DMG AP but not also for EDMG AP? | Please clarify and modify the relevant text accordingly. | **Reject:**  DMG covers both DMG and EDMG per 11ay |

**References: DraftP802.11az\_D3.1**