IEEE P802.11
Wireless LANs

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| LB249-Some-DMG-CIDs-Part-I |
| Date: 2020-09-30 |
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Abstract

This document proposes resolutions to CIDs: 3178, 3644, 3645, 3646, 3649, 3652, 3653, 3206, 3207

Editor instruction based on D2.3

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| 3178 | 126.00 | 11.22.6.3.6 | "FTM request" - not a frame | Replace with "IFTMR frame" |  Revise as in 11-20-1559 |
| 3644 | 126.00 | 11.22.6.3.6 | "The 30requested AOA/AOD I2R/R2I parameters in the initial Fine Timing Measurement shall be the 31same as those requested in the initial Fine Timing Measurement request." -- then they don't carry any useful information | Change to "The fields corresponding to the AOA/AOD I2R/R2I parameters in the initial Fine Timing Measurement are reserved." |  Accept |

***TGaz Editor: Change the text in P131L15-17 as follows***

#3535) Direction Measurement Parameters subelement. The requested AOA/AOD I2R/R2I parameters in the initial Fine Timing Measurement frame are reserved. The L-RX field shall be set to the number of TRN units the RSTA needs for

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| 3645 | 126.00 | 11.22.6.3.6 | "The AOA and AOD requests parameters in the FTM request and the initial Fine Timing 35Measurement frame shall be compatible with the corresponding AOA/AOD TX/RX capabilities 36as shown in Table 11-1000. " is grammatically broken and is unclear | Change to "The AOA and AOD parameters requested in the Fine Timing Measurement Request frame shall be compatible with the corresponding AOA/AOD TX/RX capabilities as shown in Table 11-1000. " Delete "Valid combinations of AOA and AOD requests and the 19corresponding required capabilities are shown in Table 11-1000" above |  Accept |

***TGaz editor: change the text in P131L20-23 as follows:***

The AOA and AOD parameters requested in the requested in the Fine Timing Measurement Request frame shall be compatible with the corresponding AOA/AOD TX/RX capabilities as shown in Table 11-1000 (Valid Combinations of Direction Measurements requests and the required capabilities at the initiator and responder).

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| 3646 | 127.00 | 11.22.6.3.7 | "LOS Assessment FTM Ack PPDU" - no such PPDU | Delete "FTM " |  Accept |

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| 3649 | 127.00 | 11.22.6.3.7 | " The RSTA may set to 1 the LOS 21Assessment TX capability subfield. " -- well, only if it's so capable. And this is already defined in the previous para | Delete the cited text |  Accept |

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| 3652 | 127.00 | 11.22.6.3.7 | "initial ... frame in the session" -- by definition, the initial ... frame is in the context of a session | Delete "in the session" (2x) in the para at line 24, and change "request" to "Request frame" at line 25 |  Revise as in 11-20-1559 |

***TGaz Editor: Modify the text in P132L11-14 as follows:***

The ISTA requests the FTM session by setting to one the LOS Assessment field in a DMG Direction Measurement Parameters subelement in the IFTMR frame. The responding RSTA shall set to 1 the LOS Assessment field in the DMG Direction Measurement Parameters element in the initial Fine Timing Measurement frame. (#**2352**, #**2351**)

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| 3653 | 127.00 | 11.22.6.3.7 | "A EDMG STA in ISTA role for which the dot11LOSassessmentTXImplemented is true may 19establish the FTM session that contain LOS assessment exchanges with other EDMG STA in 20RSTA role if the STA's LOS Assessment TX is set to 1." -- but by para two up the LATX field is guaranteed to be 1. Also wording is wacky | Delete the cited text and then change the first sentence of the next para to "An ISTA requests LOS assessment by setting to 1 the LOS Assessment field in a DMGDirection Measurement Parameters subelement in the initial Fine Timing Measurement Request frame." |  Revise |

***TGaz Editor: Modify the text in P132L6-9 as follows:***

An EDMG STA in ISTA role for which the dot11LOSAssessmentTXImplemented is true may stablish an FTM session that contain LOS assessment exchanges with another EDMG STA that will take the RSTA role if that STA’s LOS Assessment RX capability subfields in the DMG Direction Measurement Capabilities field is set to 1. (#**1280**).

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| 3206 | 214.00 | 28.2 | FIRST\_PATH\_AWV\_TRN parameter name is missing from the line of the table dealing with first path | Add FIRST\_PATH\_AWV\_TRN in the parameter column of this line (first column) |  Revise as in 11-20-1559 (instructions are not clear enough) |

***TGaz Editor: Change Table 28-48 TXVECTOR and RXVECTOR parameters***

***Parameter***

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| Parameter | Condition | Value | TXVECTOR | RXVECTOR |
| SECURED\_TRN | FORMAT is EDMG, EDMG\_MODULATION is EDMG\_SC\_MODE, NUM\_USERS is 1, NUM\_STS is 1 | Indicates whether TRN field, if present in the PPDU, contains Secure TRN sequences.Enumerated type:SECURED\_TRNNON\_SECURED\_TRN | Y | Y |
| Otherwise  | Not present | N | N |
| SECURE\_TRN\_SEQUENCES | FORMAT is EDMG, EDMG\_MODULATION is EDMG\_SC\_MODE, NUM\_USERS is 1, NUM\_STS is 1 | Indicates the Secure TRN Sequences used in the PEDMG secure ranging PPDU.  | Y | N |
| Otherwise  | Not present | N | N |
| FIRST\_PATH\_AWV\_TRN | FORMAT is EDMG, EDMG\_MODULATION is EDMG\_SC\_MODE, NUM\_USERS is 1, NUM\_STS is 1  | Enumerated Type FIRST\_PATH\_AWV\_ON\_TRN BEST\_PATH\_AWV\_ON\_TRN Indicates whether the TRN field of the PPDU is transmitted using the first path AWV or the best path AWV  | Y | N |
| Otherwise  | Not present | N | N |

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| 3207 | 214.00 | 28.3.2.1 | "PDMG secure ranging PPDU" - no such thing | Replace with "EDMG secure ranging PPDU" |  Revise – Already resolved in D2.3 |

**References:**