IEEE P802.11  
Wireless LANs

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| CR for CID Relates Section 11.22.6.4 | | | | |
| Date: 2019-06-21 | | | | |
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Abstract

This submission addresses the CIDs related with sections 11.22.6.4 in 11az Draft 1.0

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| CID | Page | Clause | Comment | Proposed Change | Resolution |
| 2104 | 53 | 11.22.6.4.1 | [Re-raising this comment from the comment collection, as it is not possible to determine from 18/1544r8 whether/how it was addressed. References are to the CC draft and hence may be wrong against D1.0.] I count four | Change "three" to "four" | Rejected  In 11az draft 1.0, the corresponding sentence was already changed to “FTM measurement has four basic scheduling mechanisms” |
| 2140 | 151 | 28.3.19a | [Re-raising this comment from the comment collection, as it is not possible to determine from 18/1544r8 whether/how it was addressed. References are to the CC draft and hence may be wrong against D1.0.] Spurious articles in "in the most recently transmitted an initial Fine Timing Measurement frame or a Location Measurement Report frame" | Change to "in the most recently transmitted initial Fine Timing Measurement frame or Location Measurement Report frame". Ditto last para of page | Rejected  In 11az draft 1.0, the corresponding sentence was already changed to “in the last transmitted Fine Timing Measurement frame or last transmitted Location Measurement Report frame” |

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| CID | Page | Clause | Comment | Proposed Change | Resolution |
| 1970 | 119 | 11.22.6.4.6a | "its ranging peer's clock drift considering its local clock" -- what does this mean? | Change to match the wording elsewhere: "the transmit center frequency offset between the ISTA and the RSTA exceeds the allowed tolerance from the values specified in" | Revised  In sections 20.3.3.2.1, 21.3.17.3, 27.3.18.3, the transmit center frequency tolerance is defined for DMG PHY, VHT PHY and HE PHY. The term “clock drift” is not an accurate description and it should be changed to “transmit center frequency”.  TGaz editor makes changes as specified in 11-19/1026r0 for CID 1970. |
| 2304 | 119 | 11.22.6.4.6a | The note is in a wrong section. | Move the note to the end of section 11.22..6.4.7.2 | Revised  This note is defined for the secure EDMG measurement exchange, and the current section is wrong, and it should be moved to the section 11.22.6.4.9 Secure EDMG Measurement Exchange Protocol.  TGaz editor makes changes as specified in 11-19/1026r0 for CID 2304. |

*TGaz Editor: please delete the last paragraph of section 11.22.6.4.6a Time of Arrival Estimation Using Phase Shift Feedback on page 119 of 11az D1.0*

~~Note: It is recommended that a device discards ranging measurments when it detects that its raning peer’s clock dift considering its local clock, exceeds the allowed tolerance from the values specified in section 20.3.3.2.1.~~

*TGaz Editor: please insert the following paragraph after the last paragraph of section 11.22.6.4.9 Secure EDMG Measurement Exchange Protocol on page 124 of 11az D1.0*

Note: It is recommended that an ISTA or RSTA discards ranging measurements when it detects that the transmit center frequency offset between the ISTA and the RSTA exceeds the allowed tolerance from the values specified in 20.3.3.2.1.

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| CID | Page | Clause | Comment | Proposed Change | Resolution |
| 2157 | 55 | 11.22.6.4.3.3 | [Re-raising this comment from the comment collection, as it is not possible to determine from 18/1544r8 whether/how it was addressed. References are to the CC draft and hence may be wrong against D1.0.] "The Range Measurement Sounding part commences SIFS time after the Location Polling part and is the 2nd part of the HEz range measurement sequence." -- too verbose | Delete from "and" onwards | Rejected  Each TB ranging sequence includes the triplet polling/sounding/reporting, and “and is the 2nd part of the HEz range measurement sequence” is an accurate description of the sounding part. |
| 2179 | 57 | 11.22.6.4.3.4 | [Re-raising this comment from the comment collection, as it is not possible to determine from 18/1544r8 whether/how it was addressed. References are to the CC draft and hence may be wrong against D1.0.] Oh, look, yet another term " HE Location Measurement Report Part" | USE .. THE .. SAME .. TERM .. FOR .. THE .. SAME .. THING .. EVERYWHERE | Rejected  In 11az draft 1.0, all the HE Location Measurment Report have been changed to Location Measurement Report |

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| CID | Page | Clause | Comment | Proposed Change | Resolution |
| 2334 | 117 | 11.22.6.4.6a | I'm not sure where "equation (xx)" is, so I can't determine if this sentence is technically correct. | change "equation (xx)" to "equation (11-xx)" | Accept  This is a typo in 11az draft 1.0 and the text should be revised accordingly.  TGaz editor makes changes as specified in 11-19/1026r0 for CID 2334. |

*TGaz Editor: please change the first sentence of section 11.22.6.4.6a Time of Arrival Estimation Using Phase Shift Feedback on page 119 of 11az D1.0 as below:*

*Based on the Figure 11-35d and equation (11-xx), to enable the ISTA to derive the RTT, the RSTA needs to compute TOA t2 and feed t2 and t3 back to ISTA using RSTA-to-ISTA LMR.*