IEEE P802.11
Wireless LANs

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| CR for Secure LTF Parameter CIDs |
| Date: 2019-01-14 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Debashis Dash | Quantenna Communications | 1704 Automation Pkwy, San Jose CA 95131 |  | ddash@quantenna.com |
| Imran Latif |  | ilatif@quantenna.com |
| Sigurd Schelstraete |  | sschelstraete@quantenna.com |

Abstract

This submission addresses the following CIDs from TGaz CC28 and based on TGaz draft 0.5:

CID 111, 112, 113, 114, 151, 152, 260, 268, 270, 271, 272, and 273 (12 CIDs).

All the CRs are related to the sub-clause: 9.4.2.251.

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| **CID** | **Page****/Line** | **Comment** | **Proposed Change** | **Resolution** |
| 111 | 36/4 | TBDs in Secure LTF Parameter element format. | Define TBDs. | Accepted. Already fixed in D0.6. |
| 112 | 36/26 | TBDs LTF Sequence Generation Information field format. | Define TBDs. | Revised. Figure removed in D0.5 and hence D0.6. |
| 113 | 36/32 | LFT Generation SAC field is TBD. | Define field. | Accepted. Covered by submission 163. |
| 114 | 37/7 | Range measurement SAC field is TBD. | Define field. | Accepted. Covered by submission 163. |
| 151 | 36/12 | change the sentence to "An UL NDP and a DL NDP immediately followed after in a frame exahnge initiated by a Ranging NDPA frame" | As in comment. | Duplicate. See CID 268 below. |
| 152 | 37/5 | Action frame can be encrypted and decrypted through mac frame encryption/decryption methods. | As in comment. | Accepted. Already taken care in D0.6 (page 60, line 1).  |
| 260 | 35/30 | "The Secure LTF Parameters element contains a set of fields." is impressively useless | Delete | Accepted. Note to TGaz editor: new page number in D0.6 is 41 (line 33). |
| 268 | 36/12 | "followed after a Ranging NDPA frame" is not clear. Does it mean "followed by"? Or "following after"? Ditto "followed after a Location variant HEz Uplink Sounding Trigger frame" | Clarify | Revised. Agree with the commenter.  |
| 270 | 36/16 | "(The keys or cipher sequence (if needed) for LTF Sequence Generation are the result of the FTM negotiation)". It's not clear how this is relevant to either the LTF Sequence Generation Information field, and how this is format rather than behaviour | Clarify. If behaviour, move to Clause 10 | Revised. Agree with the commenter. No need to add in clause 10, since it is already covered in 11.22.6.3.2 and 11.22.6.4.6. Make changes as shown below. |
| 271 | 36/18 | "This field is present in the Location Measurement Report frame transmitted from an RSTA to an ISTA and is reserved otherwise. " -- what does it mean for the field to be reserved as opposed to be present? Ditto at 37.1 | Change to "This field is present in the Location Measurement Report frame transmitted from an RSTA to an ISTA and is not present otherwise. " | Revised as per resolution below. |
| 272 | 36/26 | "Number of SecureLTF Sequence " -- bad grammar | Change to "... Sequences" | Revised. Figure removed in D0.5 and hence D0.6. |
| 273 | 36/30 | " a reliable LTF Sequence Generation Information" -- spurious caps and broken grammar. Ditto spurious caps at line 31 | Change to "reliable LTF sequence generation information" | Rejected. Refers to a field name. |

**For CID 268:**

TGaz Editor: Please change the following line in page 42, line 15-18 in D0.6:

— An UL NDP and a DL NDP immediately following a Ranging NDP Announcement frame, in a Non-TB mode.

— An UL NDP, a Ranging NDP Announcement frame, a DL NDP immediately following a Location variant TB Uplink Sounding Trigger frame, in an TB mode.

**For CID 270:**

TGaz Editor: Please delete the following line in page 42, line 19-21 in D0.6:

The specific LTF Sequence Generation Information field format is 9-610d (LTF Sequence Generation Information field format).

**For CID 271:**

TGaz Editor: Please delete the following line in page 42, line 27-28 in D0.6:

This field is used in the Location  Measurement Report frame transmitted from an RSTA to an ISTA and is reserved otherwise.