IEEE P802.11
Wireless LANs

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| Clause 29 fixes |
| Date: 2019-01-16 |
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Abstract

This document presents fixes to TBDs and incorrect header field usage

**Discussion** –

Need to resolve 2 TBDs in clause 29

***TGaz Editor Modify the text in P132L12***

The TRN field structure containing the Secure TRN Sequences in EDMGz secure ranging PPDU is shown in Figure 175 with P=0, M=4, and N=0 where P is the value of the EDMG TRN-P field in the header plus one, M is the value of the EDMG TRN-M field in the header plus one and N is the value of the EDMG TRN-N field in the header plus one.

In an EDMGz secure ranging PPDU, all TRN subfields of all TRN-Units shall be transmitted using the same AWV as the preamble and data field of the PPDU. Each TRN-Unit shall have 4 TRN subfields that contains Secure TRN Sequences.

**Discussion**:

The header field that is used to indicate Secure TRN field is a CPHY header which is the wrong header. CPY is not used for (Secure) FTM. FTM is done on higher MCSs which use a different header.

***TGaz Editor: Modify the text in P142L4-8***

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29.3.3.3.2.3 Definition for EDMG SC mode and EDMG OFDM mode PPDUs

*Modify the last two lines of Table 57 —EDMG-MCS field definition when the Number of SS field is 0 as follows:*

|  |  |  |  |
| --- | --- | --- | --- |
| Dual Polarization TRN Training | 1 | 6 | Corresponds to the TXVECTOR parameter DUAL\_POL\_TRAINING. If set to 1, indicates that the TRN subfields appended to this PPDU have different polarization for the same AWV (see 29.9.2.2.5). If set to 0, indicates that the TRN field appended to this PPDU does not change polarization.  |
| Secure TRN  | 1 | 7 | When set to 1, indicates that the TRN field, if present, in the PPDU contains Secure TRN Sequences specified in 29.9.3.5. Otherwise the TRN field, if present, uses the format specified in 29.9.2.2.5.  |
| Reserved | 8 | 8 |  |

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**References:**