IEEE P802.11  
Wireless LANs

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| [The Comment resolution for 32.3.8.2.5] | | | | |
| Date: 2020-01-11 | | | | |
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|  |  |  |  |  |

Abstract

This submission proposes resolutions for following 3 CIDs: 1116, 1664, and 1773

Revisions:

* Rev 0: Initial version of the document.

## CID 1116, 1664, and 1773

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| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 1116 | 66.6 | 32.3.8.2.5 | In Eq 32.11 p1 is not defined | define p1 | Revised.  TGbd Editor: make changes according to this document 11-21/0025r0 |
| 1664 | 66.6 | 32.3.8.2.5 | In (32-9) p0 is used. In (32-11) a p1 is used but not defined after the equation. | Replace p1 with p0 in (32-11) | Rejected.  Pn is the value defined according to the order of OFDM symbol as described in clause 17.3.5.10 and because the RL-SIG is the second OFDM symbol, p1 should is applied to this OFDM symbol. |
| 1773 | 65.50 | 32.3.8.2.5 | 32.3.8.2.5 RL-SIG definition should not be included in 32.3.8.2 Non\_NGV portion of NGV format preamble since RL-SIG is not part of Non-NGV portion. "The RL-SIG field is a repeat of the L-SIG field and is used to differentiate an NGV PPDU from a non-NGV PPDU." | Please move this subclause to 32.3.8.3 NGV portion of NGV format preamble32.3.8.3 NGV portion of NGV format preamble | Revised.  In principle, the commenter is right.  The Non-NGVportion of NGV format preamble means the following 3 fields. L-STF, L-LTF and L-SIG. so, it is right that the description of RL-SIG field moves to the NGV portion of NGV format preamble.  TGbd Editor: make changes according to this document 11-21/0025r0 |

Propose :

***TGbd editor: delete the description of RL-SIG definition in 32.3.8.2.5 and add the following description of RL-SIG to next of 32.3.8.3.2 and change the order of sub-clause.***

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**32.3.8.3.3 RL-SIG definition (**#1773)

The RL-SIG field is a repeat of the L-SIG field and is used to differentiate an NGV PPDU from a non-NGV PPDU. RL-SIG shall be modulated same as L-SIG.

The time domain waveform of the RL-SIG field shall be as given by Equation (32- 11).

(32-11)

Where

has the value given in Table 32-8 (Tone scaling factor and guard interval duration values for NGV fields)

is the second pilot value in the sequence defined in 17.3.5.10 (OFDM modulation) (#1116)

**32.3.8.3.~~34~~ NGV-SIG definition**

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**32.3.8.3.~~4~~5 RNGV-SIG definition**

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**32.3.8.3.~~5~~6 NGV-STF definition**

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**32.3.8.3.~~6~~7 NGV-LTF definition**

**References:**

**[1] 802.11bd D1.0**