IEEE P802.11  
Wireless LANs

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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | CC34 CID1321 RL-SIG | | | | | | Date: 2021-04-23 | | | | | | Author(s): | | | | | | Name | Affiliation | Address | Phone | email | | Youhan Kim | Qualcomm |  |  | youhank@qti.qualcomm.com | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |

Abstract

This submission proposes resolutions for the following comment on P802.11be D0.3:

1321

NOTE – Set the Track Changes Viewing Option in the MS Word to “All Markup” to clearly see the proposed text edits.

**Revision History:**

R0: Initial version.

# CID 1321

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| **CID** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** |
| 1321 | 36.3.6.5 | 206.60 | RL-SIG is "Repeated LSIG" (see e.g. Table 36-8) and/or English is inelegant | Change P206L60 to "as a repetition of the SIGNAL field".  Change P206L63  "repeat SIGNAL field" to "RLSIG field" or  "Repeated LSIG field" or similar.  Ditto P206L64, P207L1 |

**Background**

D0.4 P303

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D0.4 P294

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Note that other than L-SIG and RL-SIG, other fields simply says “Construct the XYZ field as defined in …”, not “Construct the XYZ field as xyz field as defined in …”.

D0.4 P302

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D0.4 P303

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D0.4 P304

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Proposed change in the proposed resolution in redline text

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| Construct the RL-SIG field as the repeat SIGNAL field defined in 36.3.12.6 (RL-SIG) with the following highlights:   * Set the RATE subfield in the repeat SIGNAL field to 6 Mb/s. Set the LENGTH, Parity, and Tail fields in the repeat SIGNAL field as described in 36.3.12.6 (RL-SIG). * BCC encoder: Encode the repeat SIGNAL field by a convolutional encoder at the rate of *R* = 1/2 as described in 36.3.13.3.2 (BCC coding). |

**Proposed Resolution: CIDs 1321**

**Revised**

**Note to commenter:**

Commenter is correct that “repeat SIGNAL field” is not the correct term. But it should be “Repeated Non-HT SIGNAL field”, not “Repeated SIGNAL field” as suggested by the commenter. Note further that D0.4 P303L26 (36.3.7.4 Construction of L-SIG) has similar error.

Note also that other sections simply avoid using the phrase “Construct the XYZ field as the xyz field defined in …”.

The instruction to editor below aligns the L-SIG and RL-SIG sections to avoid using the (incorrect) long form name of the fields.

**Instruction to Editor:**

Implement the proposed text updates for CID 1321 in <https://mentor.ieee.org/802.11/dcn/20/11-21-0726-00-00be-cc34-cid1321-rl-sig.docx>

**Proposed Text Updates: CID 2763**

*Instruction to Editor: Update D0.4 P303L26 as shown below.*

* Construction of L-SIG

Construct the L-SIG field as defined in 36.3.12.5 (L-SIG) with the following highlights:

* Set the RATE subfield in the L-SIG field to 6 Mb/s. Set the LENGTH, Parity, and Tail fields in the L-SIG field as described in 36.3.12.6 (RL-SIG).
* BCC encoder: Encode the L-SIG field by a convolutional encoder at the rate of  as described in 36.3.13.3.2 (BCC coding).

*Instruction to Editor: Update D0.4 P303L59 as shown below.*

* Construction of RL-SIG

Construct the RL-SIG field as defined in 36.3.12.6 (RL-SIG) with the following highlights:

* Set the RATE subfield in the RL-SIG field to 6 Mb/s. Set the LENGTH, Parity, and Tail fields in the RL-SIG field as described in 36.3.12.6 (RL-SIG).
* BCC encoder: Encode the RL-SIG field by a convolutional encoder at the rate of  as described in 36.3.13.3.2 (BCC coding).

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