IEEE P802.11  
Wireless LANs

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| CR on CIDs in Clause 10 and Clause 30 | | | | |
| Date: 2018-05-02 | | | | |
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Abstract

This document proposes the comment resolution for CIDs 1718, 1694, 1221, 1231 in the Draft 1.1 of LB 231.

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| **CID** | **Commenter** | **Clause Number(C)** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 1718 | Robert Stacey | 30.2.2 | 228 | SISO\_NEXT: The transmitter controls the input but no the output. So how can it be "performed in SISO or MIMO"? | Indicates whether the transmission following the current transmission will use a single antenna or multiple antennas. And "NextTxSISO->NextTxSingleAntenna" and "NextTxMultiAntenna" | Revised. Instruct the editor to change the name of SISO\_NEXT into NextTxSISO in Table 27 —TXVECTOR and RXVECTOR parameters.  And modify the corresponding Value subfield in Table 32 of D1.1“Indicates whether the following transmission from this STA is performed in ~~SISO~~ single antenna or ~~MIMO~~ multiple antennas.  Enumerated type:  ~~NextTxSISO~~ NextTxSingleAntenna  ~~NextTxMIMO~~ NextTxMultiAntenna“ |
| 1694 | Robert Stacey | 10.28.1 | 130L25 | A non-EDMG STA, according to its definition (P18L13), is a DMG STA that is not an EDMG STA. So the first sentence is trying to make the may exclusively apply to DMG STAs that are not EDMG STAs. But this is unnecessary: the may could apply to any DMG STA and the shall to only those DMG STAs that are also EDMG STAs. In effect the shall statement overrides the may statement in this specific instance. | Remove the inserted "non-E". | Revised. Commenter indicates that the second statement overwrite the first statement and therefor the non-EDMG STA should be changed to DMG STA. However, it is more straightforward to read the statement if it is stated more clearly. Instruct the editor to make the following changes in P159L25 of D1.1 “The RD protocol may be supported by an HT STA and by a ~~non-EDMG~~ DMG STA that is not an EDMG STA.” |
| 1221 | Adrian Stephens | 10.28.1 | 130L25 | "non-EDMG STA"  Inserting "non-E" changes the term that previously meant "DMG STA" to include non-DMG STAs, such as a non-HT, non-QoS STA. | In text that can apply to non-DMG STAs, reword insertions of "non-E" before DMG to read "DMG STA that is not an EDMG STA" or similar. | Revised. Commenter indicates that the second statement overwrite the first statement and therefor the non-EDMG STA should be changed to DMG STA. However, it is more straightforward to read the statement if it is stated more clearly. Instruct the editor to make the following changes in P159L25 of D1.1 “The RD protocol may be supported by an HT STA and by a ~~non-EDMG~~ DMG STA that is not an EDMG STA.” |
| 1231 | Adrian Stephens | 10.36.11.4.4 | 142L32 | "+/-30 ns", " 12 KHz"  Don't embed magic numbers in the standard, as they have a habit of being duplicated elsewhere and may become out of step. They are also hard to find. | Turn these into named attributes of the PHY and reference the names here. | Revised. Instruct the editor to change “For the STA addressed by the DMG CTS frame to successfully receive the frame, the difference in time between all the DMG CTS transmissions as measured at the receiving STA should be no more than TGInormal ~~±30 ns~~.”  and  “A STA that transmits the DMG CTS should pre-compensate for carrier frequency offset (CFO) error to mitigate the frequency error in the transmitted signal. ~~After compensation, the absolute value of residual CFO error with respect to the RTS should not exceed 12 KHz~~.“ |