### **IEEE P802.11 Wireless LANs**

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| Comment Resolutions on Sync Field | | | | |
| Date: 2019-07-15 | | | | |
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**Abstract**

The document provides comment resolutions for CIDs: 3295 and 3323.

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| **CID** | **Clause** | **Page/Line** | **Comment** | **Proposed Change** | **Resolution** |
| 3295 | 30.3.5.9 | 145/31 | In "The output of the kth WUR encoder determines whether to sample from the kth HDR On-WG, LDR On-WG, or from Off-WG, depending on the WUR\_DATARATE and the encoded bit of the corresponding 20 MHz subchannel, where k, 0kK1-∩éú∩éú, is the index of the 20 MHz subchannel.", it is not clear where the samples are taken from based on three conditions, i.e., the output of the kth WUR encoder, WUR\_DATARATE and the encoded bit of the corresponding 20 MHz subchannel. | Using "if ... then..." sentences to make it clear. | **Revised**  TGba Editor makes changes as shown in IEEE 802.11-19/1169r0 |

**Discussion**

In the text for the Single 20 MHz Channel (Clause 30.3.5.8) there is only reference to an “On-WG” not a “HDR On-WG” and a “LDR On-WG.” This seems clearer to the reader. Also, other than in this Clause 30.3.5.9 there are no references to “HDR On-WG” or “LDR On-WG” in the draft, so it does not seem like a good idea to refer to these here. So, the recommendation is to use the same approach here as in Clause 30.3.5.8.

**Proposed Resolution**

TGba Editor make the following changes to the draft,

* Waveform generation for the WUR-Data field: The output of the *k*th WUR encoder determines whether to sample from the *k*th On-WG or from the Off-WG, depending on the WUR\_DATARATE and the encoded bit of the corresponding 20 MHz subchannel, where k, , is the index of the 20 MHz subchannel. The samples in Off-WG have zero energy. Each symbol duration, *TSym=TSYM-HDR* is 2 μs for high data rate, and *TSym=TSYM-LDR* is 4 μs for low data rate.(#2671)

(#3295)

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| **CID** | **Clause** | **Page/Line** | **Comment** | **Proposed Change** | **Resolution** |
| 3323 | 30.3.5.9 | 145/47 | In item (g), the outputs per 20 MHz subchannel are added across 20 MHz subchannels, after applying appropriate subchannel frequency offset. | Replace item (g) in 30.3.5.9 with the following sentences: "The outputs per 20 MHz subchannel are added across the 20 MHz subchannels, sample by sample, after applying appropriate subchannel frequency offset." | **Accepted** |