IEEE P802.11
Wireless LANs

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| PHY (PPDU RX) Abort |
| Date: 2020-11-03 |
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Comment resolution for CIDs 7017. Proposed edits are based on 11ay Draft 6.0 and REVmd Draft 5.0.

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| **CID** | **Comment** | **Proposed change** | **Resolution** |
| 7017 | The PHY primitive has been defined for PHY-Abort, however, there are no normative behavior described on how this primitive is used. | Please add normative behavior when this primitive should be used. | Revised  |

**Discussion:**

The need for receive abort was first discussed in 11-18/0164 (Interference Mitigation in mmWave Distribution Networks) in the context of mitigating co-channel interference by cutting short the reception of any PPDU whose preamble has been acquired before the the TDD slot boundary during which a STA is expected to receive.



The primitive (PHY-ABORT, 8.3.5.17) has been added to PHY SAP, but there is no text to describe where the primitive can be invoked. In the following we add descriptive text.

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***Editor: Add this sententenceto the end of Section 28.3.9.10 (Receiver co-channel interference (CCI) resilience)***

In addition, a DMG STA operating in a TDD SP may abort a PPDU reception (see 8.3.5.17 (PHY-ABORT.request)) at the trailing boundary of any TDD slot after which the STA is scheduled to receive from a different transmitting STA.