IEEE P802.11
Wireless LANs

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| REVme CC35 CID 283 |
| Date: 2021-10-13 |
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Abstract

This document contains a proposed resolution for CID 283 from TGme CC35 on IEEE P802.11-REVme/D0.0.

References to page and line numbers are to D0.0.

Change history:

r0 (2020-10-13): Initial draft.

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| **CID** | **Clause/Page** | **Comment** | **Proposed Change** |
| **283** | 18.3 | A description of the ERP PHY transmit procedure is missing | Add a Subclause 18.3.4a PHY transmit procedure |

Discussion:

The ERP PHY transmit procedure is already implied throughout Clause 18, but it does not appear to be specified explicitly.

The simplest way of accomplishing this is to adapt the text from Clause 19 (starting at (D0.00) 3037.26). That currently reads

“If the TXVECTOR parameter FORMAT is equal to NON\_HT and NON\_HT\_MODULATION is equal to ERP-OFDM or OFDM, refer to the transmit procedure and state machine in 17.3.11 (Transmit PHY). If the TXVECTOR parameter FORMAT is equal to NON\_HT and NON\_HT\_MODULATION is equal to ERP-DSSS or ERP-CCK, refer to the transmit procedure in 15.3.6 (Transmit PHY) or 16.2.5 (Transmit PHY), respectively.

NOTE—The transmit procedure and state machine for Clause 18 (Extended Rate PHY (ERP) specification) when TXVECTOR parameter NON\_HT\_MODULATION is ERP-OFDM is described in 17.3.11 (Transmit PHY), except for the signal extension (refer to 18.3.2.4 (ERP-OFDM PPDU format)).”

Proposed resolution:

Revised. At (D0.0) 2944.58, add new subclause 18.3.4a as follows, and renumber subclauses:

“18.3.4a PHY transmit procedure

The transmit procedure for Clause 18 (Extended Rate PHY (ERP) specification) when the TXVECTOR parameter FORMAT is equal to NON\_HT and TXVECTOR parameter NON\_HT\_MODULATION is ERP-DSSS or ERP-CCK is described in 15.3.6 (Transmit PHY) or 16.2.5 (Transmit PHY), respectively.

The transmit procedure and state machine when TXVECTOR parameter NON\_HT\_MODULATION is ERP-OFDM is described in 17.3.11 (Transmit PHY), except for the signal extension (refer to 18.3.2.4 (ERP-OFDM PPDU format)).”

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