IEEE P802.11
Wireless LANs

|  |
| --- |
| Resolutions for TBDs in clause 36.3.11.4 and 36.3.14 Packet Extension  |
| Date: 2021-04-18 |
| Author(s): |
| Name | Affiliation | Address | Phone | Email |
| Yan Zhang | NXP | 350 Holger Way, San Jose, CA,  |  | yan.zhang\_5@nxp.com |

Abstract: This document contains proposed text for resolving the TBDs in *Clause 36.3.11.4 and 36.3.14* in11be D0.4

|  |  |
| --- | --- |
|  |  |
|  |  |

**TBDs in Clause 36.3.14:**

Discussion 1): each transmitter of an EHT TB PPDU shall append a PE field with a duration *TPE* calculated using Equation (36-78) except for an EHT TB feedback NDP, which has *TPE* = 0 (TBD).

In subclause 36.3.14 Packet extension, the above highlighted text are marked as TBD since it was not clear whether EHTTB feedback NDP will be defined in 11be at the time of preparing the PDT. Now the group has made the decision that EHT TB feedback NDP will be defined in 11be, the TBD text can be removed.

11be editor: Please change the text as shown below.

On page 417 Line 32:

each transmitter of an EHT TB PPDU shall append a PE field with a duration *TPE* calculated using Equation (36-78).

Discussion 2): LENGTH is the value indicated by UL Length subfield of the Common Info field in the Trigger frame (TBD), The PE Disambiguity subfield in the Common Info field (TBD) of the Trigger frame

In subclause 36.3.14 Packet extension, the above highlighted text are marked as TBD since 9.3.1.22.1.1 Common Info field 9.3.1.22.1.1 Common Info field has not been written at the time of preparing the PDT. Now these two subfields are defined in Figure 9-64b1- Common Info field format, EHT variant, hence the TBDs for thest two subfields can be removed.

11be editor: Please change the text as shown below.

1. On page 417 line 41

LENGTH is the value indicated by UL Length subfield of the Common Info field in the Trigger frame.

1. On page 418 line 1

The PE Disambiguity subfield in the Common Info field of the Trigger frame

1. On page 418 line 53

the value indicated by the PE Disambiguity subfield in the Common Info field

**TBDs in Clause 36.3.11.4:**

Discussion 1): For an EHT MU PPDU transmitted signal, Power boost factor for the r-th occupied RU or MRU $α\_{r}$ in Equation (36-9) is labeled as TBD since the group has not make a decision at the time of preparing the PDT. This is an optional PHY feature which allows AP to dynamically allocate different level of powers for different RUs in DL OFDMA transmission, which may benefit the STAs in far range. Since some HE AP in the field may already implement this feature, there is no reason this feature being removed from 11be. EHT AP can make the decision to enable the feature or not depending on the users cases.

11be editor: Please remove Editor’s Note on Page 317 Line 61. Please remove (TBD) on Page 318 Line 49. Please remove Editor’s Notes on Page 319 Line 12.