IEEE P802.11
Wireless LANs

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| **LB266 CR for clause 3.2**  |
| **Date:** 2022-10-31 |
| **Author(s):** |

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Abstract

This submission proposes the resolutions for CID: 10143, 10144, 10145, 10146, 10147, 10148, 10149, 10150, 10370, and 11173

This amendment is based on the 802.11be D2.1.

Revisions:

* Rev 0: Initial version of the document.

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGbe D2.1 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbe D2.1 Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGbe Editor: Editing instructions preceded by “TGbe Editor” are instructions to the TGbe editor to modify existing material in the TGbe draft. As a result of adopting the changes, the TGbe editor will execute the instructions rather than copy them to the TGbe Draft.***

#### *CID 10143*

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| **CID** | **Clause** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 10143 | 3.2 | 47.37 | Definition of "20 MHz mask physical layer (PHY) protocol data unit (PPD)" contains no definition, but only a list of PPDU specifications that belong to this category. | Provide a definition of "20 MHz mask physical layer (PHY) protocol data unit (PPDU)" that defines the characteristics of such a PPDU, but not only lists the correspinding specifications. The definition needs to define the criteria / characteristic so that it can be decided whether a specific PPDU falls into this category by comparing its characteristics to the definition (without listing the specific PPDUs!).Naive example: "20 MHz mask physical layer (PHY) protocol data unit (PPDU): PPDU that can be used with a 20 MHz mask for the physical layer." If you still want to have the list of PPDUs, than add: "Specific 20 MHz mask PHY PPDUs are listed in table ..." (preferably table in PHY chapter). | Rejected. Current text clearly defines how the 20 MHz mask physical layer (PHY) protocol data unit (PPDU) is used with CH\_BANDWIDTH parameter and transmit spectral mask, and categorized per Wi-Fi protocol in a way that the previous standards have done to define it. More details are described in related subclauses, so no further change is needed here. |

P47L23 in D2.1





#### *CID 10144*

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| **CID** | **Clause** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 10144 | 3.2 | 48.11 | No definition, but only list of items that would fall under this (not existing) defintion. | Provide a definition of "20 MHz physical layer (PHY) protocol data unit (PPDU)" that defines the characteristics of such a PPDU, but not only lists the correspinding specifications. The definition needs to define the criteria / characteristic so that it can be decided whether a specific PPDU falls into this category by comparing its characteristics to the definition (without listing the specific PPDUs!).Naive example: "20 MHz physical layer (PHY) protocol data unit (PPDU): PPDU that can be used with 20 MHz for the physical layer." If you still want to have the list of PPDUs, than add: "Specific 20 MHz PHY PPDUs are listed in table ..." (preferably table in PHY chapter). | Rejected. Current text clearly defines how the 20 MHz physical layer (PHY) protocol data unit (PPDU) is used with CH\_BANDWIDTH parameter and transmit spectral mask, and categorized per Wi-Fi protocol in a way that the previous standards have done to define it. More details are described in related subclauses, so no further change is needed here. |

P47L61 in D2.1



#### *CID 10145,* *10146,* *10147,* *10148,* *10149, 10150*

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| **CID** | **Clause** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 10145 | 3.2 | 48.27 | No definition, but only list of items that would fall under this (not existing) defintion. | see similar comment on 20 MHz (mask) PHY PPDU | Rejected. Please refer to the resolution of CID 10143. For the same reason described, no further change is needed here. |
| 10146 | 3.2 | 49.19 | No definition, but only list of items that would fall under this (not existing) defintion. | see similar comment on 20 MHz (mask) PHY PPDU | Rejected. Please refer to the resolution of CID 10144. For the same reason described, no further change is needed here. |
| 10147 | 3.2 | 49.30 | No definition, but only list of items that would fall under this (not existing) defintion. | see similar comment on 20 MHz (mask) PHY PPDU | Rejected. Please refer to the resolution of CID 10143. For the same reason described, no further change is needed here  |
| 10148 | 3.2 | 49.57 | No definition, but only list of items that would fall under this (not existing) defintion. | see similar comment on 20 MHz (mask) PHY PPDU | Rejected. Please refer to the resolution of CID 10144. For the same reason described, no further change is needed here  |
| 10149 | 3.2 | 50.01 | No definition, but only list of items that would fall under this (not existing) defintion. | see similar comment on 20 MHz (mask) PHY PPDU | Rejected. Please refer to the resolution of CID 10143. For the same reason described, no further change is needed here |
| 10150 | 3.2 | 50.33 | No definition, but only list of items that would fall under this (not existing) defintion. | see similar comment on 20 MHz (mask) PHY PPDU | Rejected. Please refer to the resolution of CID 10144. For the same reason described, no further change is needed here |

#### *CID 10370,* *11173*

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| **CID** | **Clause** | **PP.LL** | **Comment** | **Proposed Change** | **Resolution** |
| 10370 | 3.2 | 52.06 | Although downlink (DL) extremely high throughput (EHT) multi-user (MU) physical layer (PHY) protocol data unit (PPDU) is defined in 3.2, DL EHT MU PPDU is not used anywhere. | Delete this definition. | Accepted.  |
| 11173 | 3.2 | 52.06 | DL EHT MU PPDU is not found anywhere in the specification except the definitions clause. There for a definition is not necessary. | Delete: "downlink (DL) extremely high throughput (EHT) multi-user (MU) physical layer (PHY) protocol data unit (PPDU): An EHT MU PPDU transmitted by an access point (AP). This PPDU carries one or more physical layer (PHY) service data units (PSDUs) for one or more users." | Accepted  |

P51L62 in D2.1

