IEEE P802.11
Wireless LANs

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| LB266 CR for 36.1.1 Introduction to the EHT PHY |
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Abstract

This submission contains proposed comment resolutions to comments on P802.11be D2.0.

The changes are based on P802.11be D2.0.

This submission provides a resolution to the following CIDs:

* 11235, 11281, 11329, 11629, 12195, 12296, 12572, 11327, 11328

Revisions:

* Rev 0: Initial version of the document.

## CID 11235

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| Page.Line | Clause Number | Comment | Proposed Change | Resolution |
| 541.45 | 36.1.1 | "The EHT PHY defines RUs comprising of 26, 52, 106, 242, 484, 996, 2ï´996 or 4ï´996 tones in 36.3.2.1 (Subcarriers and resource allocation in EHT PPDUs), and MRUs comprising two or more RUs in certain combinations in 36.3.2.2 (Subcarriers and resource allocation for multiple RUs).The EHT PHY provides support of multiple resource unit (MRU) assigned to a single STA. The EHT PHY also supports preamble puncturing of EHT MU PPDU." The ordering of these two paragraphs is awkward | Reorder the sentences to the following:"The EHT PHY defines RUs comprising of 26, 52, 106, 242, 484, 996, 2ï´996 or 4ï´996 tones in36.3.2.1 (Subcarriers and resource allocation in EHT PPDUs). The EHT PHY provides support of multiple resource unit (MRU) assigned to a single STA, and defines MRUs comprising two or more RUs in certain combinations in 36.3.2.2 (Subcarriers and resource allocation for multiple RUs).The EHT PHY supports preamble puncturing of EHT MU PPDU." | Rejected.After discussion, the original text is more clear. |

## CID 11281

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| Page.Line | Clause Number | Comment | Proposed Change | Resolution |
| 541.50 | 36.1.1 | "The EHT PHY also supports preamble puncturing of EHT MU PPDU.". HE already supports preamble puncturing for OFDMA. Make clear that EHT defines preamble puncturing for both OFDMA and non-OFDMA. | See comment | RevisedAgreed in principle. Reflect the detailed explanation.**Instructions to the editor:****Please make the changes as shown in 11/22-1479r2 under CID 12572.**Note that the resolutions for CID 11281, CID 11329, CID 11629, CID 12195, CID 12296, and CID 12572 are the same. |

## CID 11329

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| Page.Line | Clause Number | Comment | Proposed Change | Resolution |
| 541.50 | 36.1.1 | Move the definition of "multiple resource unit (MRU)" to the 1st place MRU is mentioned, i.e, 2 lines above | as in the comment | RevisedAgreed in principle. Reflect the detailed explanation.**Instructions to the editor:****Please make the changes as shown in 11/22-1479r2 under CID 12572.**Note that the resolutions for CID 11281, CID 11329, CID 11629, CID 12195, CID 12296, and CID 12572 are the same. |

## CID 11629

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| Page.Line | Clause Number | Comment | Proposed Change | Resolution |
| 541.46 | 36.1.1 | Abbreviation MRU appears prior to be defined | Move next sentence (rows 50-51) before this one | RevisedAgreed in principle. Reflect the detailed explanation.**Instructions to the editor:****Please make the changes as shown in 11/22-1479r2 under CID 12572.**Note that the resolutions for CID 11281, CID 11329, CID 11629, CID 12195, CID 12296, and CID 12572 are the same. |

## CID 12195

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| Page.Line | Clause Number | Comment | Proposed Change | Resolution |
| 541.50 | 36.1.1 | The abbreviation MRU is defined in line #50, although it is already used, within this section, several lines above (line #46), and used throughout preceding chapters/sections and is already defined in the abbreviation list (Section 3). | Remove the definition of this abbreviation from this line or move it to line #46 (where MRU is mentioned for the first time in Section 36). | RevisedAgreed in principle. Reflect the detailed explanation.**Instructions to the editor:****Please make the changes as shown in 11/22-1479r2 under CID 12572.**Note that the resolutions for CID 11281, CID 11329, CID 11629, CID 12195, CID 12296, and CID 12572 are the same. |

## CID 12296

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| Page.Line | Clause Number | Comment | Proposed Change | Resolution |
| 541.50 | 36.1.1 | "multiple resource unit (MRU)" should be modified to "MRU". "multiple resource unit (MRU)" is also at P577 L40. | As in comment. | RevisedAgreed in principle. Reflect the detailed explanation.**Instructions to the editor:****Please make the changes as shown in 11/22-1479r2 under CID 12572.**Note that the resolutions for CID 11281, CID 11329, CID 11629, CID 12195, CID 12296, and CID 12572 are the same. |

## CID 12572

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| Page.Line | Clause Number | Comment | Proposed Change | Resolution |
| 541.50 | 36.1.1 | The 'resource unit' in 'multiple resource nit' here should be in plural form | Change it to 'multiple resource units' | RevisedAgreed in principle. Reflect the detailed explanation.**Instructions to the editor:****Please make the changes as shown in 11/22-1479r2 under CID 12572.**Note that the resolutions for CID 11281, CID 11329, CID 11629, CID 12195, CID 12296, and CID 12572 are the same. |

**Instructions to the Editor:**

Please make the following changes in Line 45, Page 541in TGbe Draft D2.0:

The EHT PHY defines RUs comprising of 26, 52, 106, 242, 484, 996, 2×996 or 4×996 tones in 36.3.2.1 (Subcarriers and resource allocation in EHT PPDUs), and MRUs comprising two or more RUs in certain combinations in 36.3.2.2 (Subcarriers and resource allocation for multiple RUs).

The EHT PHY provides support of MRU assigned to a single STA. The EHT PHY also supports preamble puncturing of EHT MU PPDU for both OFDMA and non-OFDMA.

Please make the following changes in Line 40, Page 577in TGbe Draft D2.0:

The EHT PHY supports the usage of MRU in an EHT PPDU. An MRU consists of selected combinations of multiple RUs of 26-tone RU, 52-tone RU, 106-tone RU, 242-tone RU, 484- tone RU, 996-tone RU, and 2×996-tone RU. The tone indices of the various RUs for different EHT PPDU bandwidths are defined in 36.3.2.1 (Subcarriers and resource allocation in EHT PPDUs).

## CID 11327

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| Page.Line | Clause Number | Comment | Proposed Change | Resolution |
| 541.22 | 36.1.1 | "which is based on the OFDM PHY defined in Clause 16 (High rate direct sequence spread spectrum (HR/DSSS) PHY specification)". Clause 16 doesn't define OFDM PHY. Should be Clause 17 | as in the comment | Revised**Instructions to the editor:**Change ‘Clause 16 (High rate direct sequence spread spectrum (HR/DSSS) PHY specification)’ to ‘Clause 17 (Orthogonal frequency division multiplexing (OFDM) PHY specification)’. |

**Background:**



## CID 11328

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| Page.Line | Clause Number | Comment | Proposed Change | Resolution |
| 541.43 | 36.1.1 | Change "with the total across all users not exceeding eight spatial streams" to " with the total spatial streams across all users not exceeding eight." | as in the comment | Revised**Instructions to the editor:**Change ‘with the total across all users not exceeding eight spatial streams’ to ‘with the total number of spatial streams across all users not exceeding eight.’ |

**Background:**

