IEEE P802.11  
Wireless LANs

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| LB281 Comment Resolutions for Exchange bucket CIDs | | | | |
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Abstract

This document provides comment resolutions for CIDs 4181, and 4185 (2-total).

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| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 4181 | 9.3.1.19.5 | 32.16 | Is dynamic channel puncture allowed in 320MHz BW sensing? Can a 320MHz STA being scheduled in a <=160MHz sensing frame exchange sequence? If the answer is yes, such device needs to support HE and EHT NDP. Another observation is that an EHT STA anyway will support EHT PPDU. By allowing <=160MHz EHT NDP sensing, the sensing in a <=160MHzBSS with channel puncture can use wider BW. | Clarify it | Reject  As per specification, sensing measurement exchanges with BW less than or equal to 160MHz use HE Ranging NDP while for sensing measurement exchanges at 320MHz (unpunctured or ‘static’ punctured according to Table 36-30, no dynamic puncturing allowed) use EHT Ranging NDP. The 320MHz STA according to 11be spec (baseline for 11bf) should support HE frame formats (i.e., NDP) regardless, therefore there is no need to replicate the use of EHT frame format for BW less than or equal to 160MHz. This approach provides the needed sensing exchange protocol while keeping the IOT issues to minimum. |
| 4185 | 9.4.2.321 | 77.35 | Is dynamic channel puncture allowed in 320MHz BW sensing? Can a 320MHz STA being scheduled in a <=160MHz sensing frame exchange sequence? If the answer is yes for the second question, such device needs to support HE and EHT NDP. Another observation is that an EHT STA anyway will support EHT PPDU. By allowing <=160MHz EHT NDP sensing, the sensing in a <=160MHzBSS with channel puncture can use wider BW. | Clarify it | Reject  As per specification, sensing measurement exchanges with BW less than or equal to 160MHz use HE Ranging NDP while for sensing measurement exchanges at 320MHz (unpunctured or ‘static’ punctured according to Table 36-30, no dynamic puncturing allowed) use EHT Ranging NDP. The 320MHz STA according to 11be spec (baseline for 11bf) should support HE frame formats (i.e., NDP) regardless, therefore there is no need to replicate the use of EHT frame format for BW less than or equal to 160MHz. This approach provides the needed sensing exchange protocol while keeping the IOT issues to minimum. |

**References: IEEE P802.11bf D4.0**