IEEE P802.11  
Wireless LANs

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| Comment resolution on CIDs 25053 and 25054 | | | | |
| Date: 2020-10-26 | | | | |
| Author: | | | | |
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This submission present a resolution for CIDs 25053 and 25054. The proposed changes are based on P802.11ax D7.0.

##### Revision history:

##### R0 – initial version: resolution for CID 25053 is available.

R1 – Resolution for CID 25054 is available.

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| CID | Clause | Page | Line | Comment | Proposed Change | Resolution |
| 25053 | B.4 |  |  | "CFVHT:M CFHE:M" does not make sense for the same PICS entry,because CFHE implies CFVHT | Delete "CFHE:M" for CFHT and CFHT5G.  Change CFHE80 to "CFAP AND CFHE:MCFIndepSTA  AND CFHE:M" | Accept. |

Discussion:

As per the following, the commenter is correct that CFHE implies CFVHT:



Because of this relationship, “CFHE:M” is no longer needed for CFHT and CFHT5G:





As for CFHE80, the dependence is on CFHE and it is not related to CFVHT. Therefore, CFVHT can be removed.



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| CID | Clause | Page | Line | Comment | Proposed Change | Resolution |
| 25054 | B.4 |  |  | I don't think a 20M-only HE STA is required to be able to do 80M, nor is an 80M HE STA required to be able to do 20M-only operation | Change CFHE20 to "CFIndepSTA  AND CFHE:O.8" and CFHE80 to "CFAP AND  CFHE:M  CFIndepSTA  AND CFHE:O.8" | Accept. |

Discussion:





The commenter is correct that a 20 MHz only HE STA is not required to be able to do 80 MHz operation, nor is an 80 MHz HE STA required to be able to do 20 MHz only operation.

The use of O.8 is appropriate.

Note: O.<n> optional refers to the support of at least one of the group of options labeled by the same numeral <n> is required. The scope of the group of options is limited to a single table (i.e., subclause) within the PICS.