IEEE P802.11  
Wireless LANs

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| 802.11  [TGaz SA1 Group CR Recirculation ballot]  (relative to P802.11az/D5.0) | | | | |
| Date: 2022-07-12 | | | | |
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**Abstract**

This submission contains resolutions for CIDs 8043, 8074 (total of 2).

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| **CID** | **Page/**  **Line** | **Clause** | **Comment** | **Proposed change** | **Resolution** |
| 8043 | 267.5 | B.4.37.1 | EPM1, EPM1.1, EPM1.2, and EPM1.3 still use "NGP" in the Protocol capability | Please replace NGP with EP in the Protocol capability for EPM1, EPM1.1, EPM1.2, and EPM1.3 | **Accept.** |
| 8074 | 262.1 | B.4.3 | Is PASN a capability (see CF47) or a configuration "CFPASN"? | Remove the duplication, and fix up any references that are incorrect | **Revised.**  PC47 (PASN capability) has singular appearance, i.e. is not conditioning to any other part of the PICS, CFPASN is used whenever PASN is a prerequisite for another functionality.  TGaz editor in D5.0 P.263 (top of page) delete line 1 PC47 in the table MAC protocol capabilities table. |
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| **CID** | **Page/**  **Line** | **Clause** | **Comment** | **Proposed change** | **Resolution** |
| 7085 | 246.6 | 27.3.18a.4 | 27.3.9 and 27.3.11 do not cover the secure ranging scenarios. | Delete "Refer to 27.3.9 and 27.3.11 for details." | **Revised.**  The reference in P. 247L.6 is to mathematical description of signals (as stated in brackets) which is now 27.3.10 in the published 802.11ax amendment., clause 27.3.11 is the HE preamble which does not deal with the HE TB Ranging NDP and HE Ranging NDP but refers to those sections on their own hence not used by 27.3.18.a.4.  TGaz editor change reference in D4.0 P.247L.6 to 27.3.10 (mathematical description of signals), delete reference to 27.3.11 . |
| 7088 | 264 | B.4 | TB measurement sequence is not mandatory for HE STA | Change "CFHE:M" to "CFHE:O" in the NGPM2.1 row. | **Revise**.  TGaz editor change row NGPM2.1 as follows: delete CFHE:M only in the status column. |
| 7089 | 264 | B.4 | Protected LMR exchange in TB ranging exchange is not mandatory for HE STAs. | Change "CFHE:M" to "CFHE:O" in the NGPM2.2 row. | **Revise.**  Agree with the commenter that the NGPM2.2 feature is not mandatory to every HE STA, however it is not mandatory for every STA implementing Ranging TB operation (CFTB) to support secured mode. Thus should read CFTB: O and mandated for STAs that support secured LTF (CFPSEC) .  PC34 (RSNA) is not mandatory.  TGaz editor change NGPM2.2 Status column to read:  CFTB: O  CFPSEC: M  CFPASN: M |

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| 7090 | 265 | B.4 | SAC exchange for TB operation is not mandatory for HE STAs. | Change "CFHE:M" to "CFHE:O" in the NGPM3.1 row. | **Revise**.  Agree with the commenter that the NGPM3.1 feature is not mandatory to every HE STA, however not all STAs supporting PASN need to implement the SAC just the CFPSEC STA.  **TGaz editor change** NGPM3.1 Status column to read:  CFTB: O  CFPSEC: M |
| 7091 | 265 | B.4 | Non-TB ranging exchange is not mandatory for HE STAs. | Change "CFHE:M" to "CFHE:O" in the NGPM4.1 row. | **Accept.** |
| 7092 | 265 | B.4 | Protected LMR exchange in non-TB ranging exchange is not mandatory for HE STAs. | Change "CFHE:M" to "CFHE:O" in the NGPM4.2 row. | **Revise.**  Agree with commenter regarding CFHE however not all STAs implementing PASN may be required to support NTB exchange.  However if PASN is supported and NTB is supported protected LMR Exchange in NTB is required.  TGaz editor change NGPM4.2 Status column to read:  (CFNTB AND  CFPASN): M |
| 7093 | 265 | B.4 | SAC exchange for non-TB ranging operation is not mandatory HE STAs | Change "CFHE:M" to "CFHE:O" in the NGPM4.3 row. | **Revise**  Agree with commenter regarding CFHE, this is the counterpart of 7090 this time for TB operation.  Not all STAs supporting PASN need to implement the SAC just the CFPSEC STA.  **TGaz editor change** NGPM3.1 Status column to read:  CFTB: O  CFPSEC: M |