IEEE P802.11
Wireless LANs

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| CR for miscellaneous CIDs |
| Date: 2024-06-18 |
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Abstract

This submission proposes comments resolution of the following 6 CIDs received for TGbe Draft 6.0:

CIDs:

23021, 23022, 23032, 23118, 23124, 23125

Revisions:

* Rev 0: Initial version of the document.

***TGbe editor: The baseline for this document is IEEE 802.11be D6.0***

1. **Introduction**

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 Draft. The introduction and the explanation of the proposed changes are not part of the adopted material.

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| **CID** | **Commenter** | **Clause**  | **P.L** | **Comment** | **Proposed Change** | **Resolution** |
| 23021 | Srinivas Kandala | 17.3.5.5 | 500.53 | "VHT STA, HE STA, or EHT STA" should be "VHT STA or HE STA" | as in comment. | RejectedThe commenting paragraph covers the VHT STA, HE STA, or \*EHT STA that is not a STA 6G\*, while the following paragraph covers the EHT STA that is a STA 6G. After the EHT STA removed, \*EHT STA that is not a STA 6G\* will not be covered. |
| 23022 | Srinivas Kandala | 10.12.3 | 363.58 | "HE or EHT STA" should be just "HE STA", since an EHT STA is an HE STA. | as in comment. | RevisedAgree with the commenter in principle. Both HE and EHT are removed from the commenting senstence as well as the equation (10-12), so the rule could apply to HE, EHT as well as next generation non-AP STAs.TGbe editor to make the changes shown in 11-24/1040r0 under all headings that include CID 23022 |
| 23032 | Joseph Levy | 35.2.1.2.3 | 514.37 | The phrase "shall start from" is not used in the base line or else where in the draft. There for the meaning of the term is not clear. Typically the statement is "shall start at", which is used in the draft in three locations, and in the baseline in three location. | Change: "shall start from" To: "shall start at" | Accepted |
| 23118 | Benjamin Rolfe | 10.3.2.7 | 338.54 | "An HE STA 2G4 that initiates a TXOP by transmitting an RTS frame with the TA field set to a bandwidth signaling TA shall not send an RTS frame to a non-HE STA for the duration of the TXOP" is poor (and incomplete) specification. "shall not" usually signals an incomplete specification. In this case we have specified when the RTS is not sent but not when it is sent nor what to do if it is received by the non-HE STA at the wrong time. Making a \*guess\* as to what was really meant by this "shall not" (and if I guessed wrong, that proves my point ;-). | Replace with: An HE STA 2G4 that initiates a TXOP by transmitting an RTS frame with the TA field set to a bandwidth signaling TA to a non-HE STA shall wait the duration of the TXOP before sending an RTS to the non-HE STA. | RejectedThere are 23 occurrences and 80 occurrences of “shall not send” in IEEE 802.11 be D6.0 and REVme D5.0 respectively. It looks fine to use the express “shall not send” in the spec.The sentence by to say that an HE STA 2G4 shall not send an RTS frame to a non-HE STA under certain condition, instead of what should do after the HE STA 2G4 send an RTS frame to a non-HE STA under this certain condition.Similar expression is used in REVme D5.0. *“ A VHT STA that initiates a TXOP by transmitting an RTS frame with the TA field set to a bandwidth**signaling TA shall not send an RTS frame to a non-VHT STA for the duration of the TXOP.”* |
| 23124 | Benjamin Rolfe | 3.2 | 63.28 | The note includes technical details of the thing to which the term refers and does not belong in clause 3. | Delete NOTE | RejectedOriginally, the note is in clause 35, it is move to clause 3 based on previous comment. Please find more information for CID 1482 in doc 11-21-0530r5. |
| 23125 | Benjamin Rolfe | 3.2 | 63.22 | More technical detail that does not belong in clause 3 - everything about what non-simultaneous transmit and receive (NSTR) link pair is and does are technical details (requirements) on the thing to which the term refers. | Replace with "A pair of links corresponding to stations (STAs) affiliated with a multi-link device (MLD) " or delete al of it from clause 3. | RejectedThere are a lot of discussion about the definition of NSTR, finally the group agreed on current version. The Please find more information in doc 11-21-0530r5. |

***TGbe editor: Modify the paragraphes in 10.12.3 (Minimum MPDU start spacing rules) as follows: (#23022)***

**10.12.3 Minimum MPDU start spacing rules**

*MMSF* is the value of the MPDU MU Spacing Factor subfield of the User Info field addressed to the HE or EHT STA in the Trigger frame soliciting the HE TB PPDU or the EHT TB PPDU (see 9.3.1.22 (Trigger frame format))

If the intended receiver is a non-HE STA, a STA shall not start the transmission of more than one MPDU within the time limit described in the Minimum MPDU Start Spacing field declared by the intended receiver. If the intended receiver is an HE STA, an HE STA shall not start the transmission of more than one QoS Data frame, QoS Null frame, or Management frame within the time limit described in the Minimum MPDU Start Spacing field declared by the intended receiver. To satisfy this requirement, the number of octets between the start of two consecutive MPDUs in an A-MPDU, N, measured at the PHY SAP, shall meet the condition defined by Equation (10-12).

(10-12)

where

tMMSS is the time (in microseconds) defined in the Encoding column of Table 9-223 (Subfields of the A-MPDU Parameters field) for an HT STA, of Table 9-343 (Subfields of the S1G Capabilities Information field) for an S1G STA for the value of the Minimum MPDU Start Spacing field, and of Table 9-289(Subfields of the A-MPDU Parameters subfield) for a DMG STA for the value of the Minimum MPDU Start Spacing field

*MMSF* is the value of the MPDU MU Spacing Factor subfield of the User Info field addressed to the STA in the Trigger frame soliciting the TB PPDU (see 9.3.1.22 (Trigger frame format))

*r* is the value of the PHY data rate (in Mb/s) defined in 19.5 (Parameters for HT-MCSs) for HT PPDUs, in 21.5 (Parameters for VHT-MCSs) for VHT PPDUs, in 23.5 (Parameters for S1G-MCSs) for S1G PPDUs, and in Clause 20 (Directional multi-gigabit (DMG) PHY specifica-tion) for a DMG STA

***End of change***