### IEEE P802.11 Wireless LANs

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| 11ax D7.0 CR for Miscellaneous CIDs in SA2 | | | | |
| Date: 2020-09-24 | | | | |
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Abstract

This submission proposes resolutions for the following CIDs:

25045, 25048, 25065, 25070, 25093

Revisions:

* Rev 0: Initial version of the document.

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 TGax D7.0 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGax D7.0 Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGax Editor: Editing instructions preceded by “TGax Editor” are instructions to the TGax editor to modify existing material in the TGax draft. As a result of adopting the changes, the TGax editor will execute the instructions rather than copy them to the TGax Draft.***

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| **CID** | **Commenter** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 25045 | Seok, Yongho | 337.26 | 26.2.1 | The comment requested by a non-member of this TGax SA Ballot (Young-hoon Kwon).   "can" is not a normative text. | Modify the text "An HE AP can configure a non-AP HE STA …" to "An HE AP may configure a non-AP HE STA …". | Accepted - |
| 25048 | RISON, Mark | 468.06 | 26.14.4 | "The STA switches to the multiple receive chain mode if it responds to the Trigger frame addressed to it" is just duplication of "shall also enable its multiple receive chains if it responds to a Trigger frame [that starts a frame exchange sequence] that satisfies the following conditions" above | Delete "switches to the multiple receive chain mode if it responds to the Trigger frame addressed to it and " | Accepted - |
| 25065 | RISON, Mark | 468.13 | 26.14.4 | "cannot distinguish between a Trig-  ger frames that precedes a MIMO transmission and a Trigger frames that does not precede a MIMO transmission" grammar wrong | Change "frames" to "frame" (2x) | Accepted - |
| 25070 | RISON, Mark | 382.42 | 26.5.2.5 | "NAV is considered" is confusing. You could consider and ignore. The actual requirement is not clearly expressed | At 382.60 change "The intra-BSS NAV is not considered in virtual CS" to "The intra-BSS NAV is not taken into account for the purposes of virtual CS". At 382.63 change "The basic NAV is considered in virtual CS" to "The basic NAV is taken into account for the purposes of virtual CS". At 383.1 change "A NAV is considered in virtual CS" to "The NAV is taken into account for the purposes of virtual CS". At 383.6 change "The intra-BSS NAV is considered in virtual CS" to "The intra-BSS NAV is taken into account for the purposes of virtual CS". At 383.18 change "If no NAV is considered" to "If no NAV is taken into account" | Rejected –  We note that the sentence is written in line with the description in baseline for “considering NAV” in response to RTS frame. The baseline description has been there for years and there has been no confusion.  *A STA that receives an RTS frame addressed to it considers the NAV in determining whether to respond with CTS, unless the NAV was set by a frame originating from the STA sending the RTS frame (see 10.23.2.2 (EDCA backoff procedure)).*  The word “consider” also has been used in various cases (189 times based on pdf search) in the revmed. Examples are provided below. In these cases, the word “consider” has never been interpreted as “ignore”.  *Physical and virtual CS functions are used to determine the state of the medium. When either function indicates a busy medium, the medium shall be considered busy; otherwise, it shall be considered idle.* |
| 25093 | RISON, Mark | 456.61 | 26.11.5 | "If the calculated dura-  tion information is smaller than 8448 µs, the TXVECTOR parameter TXOP\_DURATION shall be set to the  calculated duration information. Otherwise, the TXVECTOR parameter TXOP\_DURATION shall be set to  8448." duplicates "A STA that transmits a frame with a Duration field in an HE PPDU with the TXVECTOR parameter TXO-  P\_DURATION not set to UNSPECIFIED shall set the TXVECTOR parameter TXOP\_DURATION to the  smaller of the duration information indicated by the Duration field and 8448." just a few lines up | Delete "If the calculated dura-  tion information is smaller than 8448 µs, the TXVECTOR parameter TXOP\_DURATION shall be set to the  calculated duration information. Otherwise, the TXVECTOR parameter TXOP\_DURATION shall be set to  8448." | Rejected –  The sentence “A STA that transmits a frame with a Duration field in an HE PPDU with the TXVECTOR parameter TXOP\_DURATION not set to UNSPECIFIED shall set the TXVECTOR parameter TXOP\_DURATION to the smaller of the duration information indicated by the Duration field and 8448.” is for the case that the frame has a Duration field.  The cited case is for the case that the frame does not have a Duration field, i.e., the Ps-Poll frame. As a result, the cited sentence is still needed. |

**Discussion:** *None.*

**Propose:** *None.*