IEEE P802.11
Wireless LANs

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| Comment resolutions for 10.22.2.9 (revisited) |
| Date: 2018-05-01 |
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Abstract

This submission proposes to revisit the resolutions for the two comments below related to TGax D2.0:

* 12086, 12450 (2 CIDs)

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Incorporated some changes based on feedback received during the presentation to address the case of a NAV update that occurred due to an indeterministic frame. Changes are in green.

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 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGax 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** | **Comment** | **Proposed Change** | **Resolution** |
| 12086 | Jinsoo Ahn | 200.57 | "the most recent NAV update was due to aninter-BSS frame", Actually "regular NAV" is defined and it includes more NAVs than the NAV set by inter-BSS frame. | If the words are used intentinally, define the case that the NAV is set by a frame that cannot be idenfied as intra-BSS or inter-BSS. If it is not intended, use terms of "intra NAV" and "regular NAV" which are defined in 27.2.4. | Revised –The comment resolution for this CID was motioned in January F2F as part of the CRs in 11-18/0040r2. However, some parts of the proposed changes in that resolution are not present in the latest draft, which means that they were missed during the revised draft preparation. In this document we re-propose those changes and in addition propose to explicitly call out the NAV reset rules for the two NAV case since the presence of one statement for both cases (one NAV and two NAVs) is very ambiguous which leads to misinterpretations.TGax editor to make the changes shown in 11-18/0665r1 under all headings that include CID 12086. |
| 12450 | Liwen Chu | 200.51 | Two issues with the text:1, this is not approprite normative hehavior description.2, When it applies to single-TID STA, additionalrequirement to NAV timer is needed. | Changethe text per the comment. | Revised –The comment resolution for this CID was motioned in January F2F as part of the CRs in 11-18/0040r2. However, some parts of the proposed changes in that resolution are not present in the latest draft, which means that they were missed during the revised draft preparation. The missed addition included the normative behavior portion that was asked to be clarified as per the comment.In this document we re-propose those changes and in addition propose to explicitly call out the NAV reset rules for the two NAV case since the presence of one statement for both cases (one NAV and two NAVs) is very ambiguous which leads to misinterpretations.TGax editor to make the changes shown in 11-18/0665r1 under all headings that include CID 12450. |

* Truncation of TXOP

**TGax Editor: *Change the paragraphs below of this subclause as follows (#CID 12450, 12086):***

An HE STA that maintains one NAV (see 10.3.2.1(CS mechanism)) and receives a CF-End frame should reset the NAV unless either of following conditions are met:(#6535)

* The received CF-End frame is an inter-BSS frame and the most recently updated NAV was due to an intra-BSS frame (see 27.2.2 (Intra-BSS and inter-BSS frame determination)).
* The received CF-End frame is an intra-BSS frame and the most recently updated NAV was due to an inter-BSS frame(see 27.2.2 (Intra-BSS and inter-BSS frame determination)).*(#12450, 12086)*

An HE STA that maintains two NAVs (see 27.2.4 (Updating two NAVs)) and receives a CF-End frame should reset:

* The basic NAV if the received CF-End frame is an inter-BSS frame
* The intra-BSS NAV if the received CF-End frame is an intra-BSS frame

The HE STA may reset both NAVs if the received CF-End frame is an intra-BSS frame and the basic NAV was updated due to a frame that cannot be identified as either inter-BSS frame or intra-BSS frame*(#12450, 12086)*