### IEEE P802.11 Wireless LANs

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| 11ax D4.0 MAC Comment Resolution for MU-RTS part II | | | | |
| Date: 2019-04-30 | | | | |
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Abstract

This submission proposes resolutions for comments of TGax Draft D4.1 with the following CIDs:

20540, 20548

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 D4.1 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGax D4.1 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** |
| 20540 | Mark RISON | 302.29 | 26.2.6.3 | "The ED-based CCA during the SIFS after receiving an MU-RTS Trigger frame and virtual CS functions are used to determine the state of the medium to respond to an MU-RTS Trigger frame. See 26.5.3.5 (UL MU CS mechanism) for details." -- impenetrable grammar | Change the cited text at the referenced location to "A combination of virtual CS and ED-based CCA during the SIFS after the PPDU containing the MU-RTS Trigger frame is used to determine whether the medium is idle (see 26.5.3.5 (UL MU CS mechanism))." | Revised –  Agree in principle with the commenter. We change note 2 from  “NOTE 2—A combination of virtual CS and ED-based CCA during the SIFS after the PPDU containing the MU-RTS Trigger frame is used to determine the state of the medium to respond to an MU-RTS Trigger frame (see 26.5.2.5 (UL MU CS mechanism)).”  to the following  “NOTE 2—A combination of virtual CS and ED-based CCA during the SIFS after the PPDU containing the MU-RTS Trigger frame is used to determine the state of the medium (see 26.5.2.5 (UL MU CS mechanism)).” |
| 20548 | Mark RISON | 302.55 | 26.2.6.3 | "NOTE---The Frame Control field of the CTS frames sent in response to an MU-RTS Trigger frame are set to the same value (see Figure 9-19 and 9.2.4.1.8 (More Data subfield))." is not clear. 1) to the same value as what. 2) it's not immediately obvious why the More Data subfield would be the same at each STA | Delete the cited NOTE and change the para above to "The Power Management and More Data subfields in a CTS frame sent in response to an MU-RTS Trigger frame shall be set to 0." | Revised –  Agree in principle with the commenter. We update the note from  “NOTE—The Frame Control field of the CTS frames sent in response to an MU-RTS Trigger frame are set to the same value (as described in Figure 9-26 ((Frame Control field subfield values within Control frames carried in a non-S1G PPDU)) and 9.2.4.1.8 (More Data subfield)).”  to the following.  “NOTE—Other subfields of the Frame Control field of the CTS frames sent in response to an MU-RTS Trigger frame  are set as described in Figure 9-26 (Frame Control field subfield values within Control frames carried in a non-S1G PPDU).”  Further, since in 9.2.4.1.8, it is not clear if invalid subfiled means that it is a reserved field. We modify the sentence from  “The Power Management subfield in a CTS frame sent in response to an MU-RTS Trigger frame shall be set to 0.”  to the following.  “The Power Management and More Data subfields in a CTS frame sent in response to an MU-RTS Trigger frame shall be set to 0.” |

**Discussion:** *None.*

**Propose:**

**26.2.6.3 CTS frame response to an MU-RTS Trigger frame**

(…existing texts…)

NOTE 2—A combination of virtual CS and ED-based CCA during the SIFS after the PPDU containing the MU-RTS Trigger frame is used to determine the state of the medium (see 26.5.2.5 (UL MU CS mechanism)). (#20540)

(…existing texts…)

The Power Management and More Data subfields in a CTS frame sent in response to an MU-RTS Trigger frame shall be set to 0.(#20548)

NOTE—Other subfields of the Frame Control field of the CTS frames sent in response to an MU-RTS Trigger frame are set as described in Figure 9-26 (Frame Control field subfield values within Control frames carried in a non-S1G PPDU). (#20548)

(…existing texts…)