### IEEE P802.11Wireless LANs

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| 11ax D3.2 MAC Comment Resolution for MU-RTS/CTS Part II |
| Date: 2018-11-12 |
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Abstract

This submission proposes resolutions for comments of TGax Draft D3.2 with the following CIDs:

17145

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Pass all CIDs except 17145 to PHY group.

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 D3.0 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGax D3.2 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** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 17145 | 259.00 | 27.2.5.2 | "If the MAC does not receive a PHYRXSTART.indication primitive during the CTSTimeout interval, the STA shall conclude that the transmissionof the MU-RTS Trigger frame has failed, and, if the MU-RTS Trigger frame initiated a TXOP," This spec text was added to allow all other type of trigger frame exchange before the MU-RTS/CTS to enhance the protection of DL transmission to far end STA. However, to support this mechanims, the TXOP holder has to record what type of frame initialized the TXOP which is not a good design. In addition, this mechanism requires long frame exchange for DL frame protection and is very easy to break. So the whole mechanism of DL protection for the far end STA need a major enhancement. | as in the comment | Rejected –Sending two variants of Trigger frame is already part of many design. For example, AP can send BQRP Trigger frame, BSRP Trigger frame, or NFRP Trigger frame in front of any UL or DL MU sequence. If these sequence succeeds, then the following MU sequence can all follow the PIFS recovery rule. There is no difference between these existing designs and the MU-RTS design.  |

**Discussion:** *None.*