### IEEE P802.11 Wireless LANs

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| 11ax D0.5 MU Comment Resolution for CID 807 | | | | |
| Date: 2016-11-05 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Po-Kai Huang | Intel Corporation | 2200 Mission College Blvd, Santa Clara, CA 950542200 |  | po-kai.huang@intel.com |
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Abstract

This submission proposes resolutions for comments of TGax Draft 0.5 with the following CIDs:

* 807

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 D0.5 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGax D0.5 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** |
| 807 | Jinsoo Ahn | 39.53 | 10.3.2.4 | Because trigger frame always sets relatively long NAV duration, NAV reset issues on Trigger frame shall be considered to enhance channel usage performance. Transmitting CF-END Frame is the only one solution but using HE format CF-END could be a better solution because of two NAV. | Insert the following at the 10.3.2.4 line 46 "An AP STA that transmitted Trigger Frame transmits CF-END frame in HE-SU-PPDU format to reset NAV of recipients if no PHY-RXSTART.indication primitive is received from the PHY during a period with a duration of aSIFSTime + aRxPHYStartDelay + nΓêÖaSlotTime, n is TBD (n=2 is usual case, n=1 is preferred)" | Rejected –  Currenlty, an AP is already allowed to send CF-End if there is no response for Trigger frame that initiates the TXOP, and AP does not become a TXOP holder. Althoguht the AP needs to go through backoff to send the CF-End after no response of Trigger frame, this operation aligns with the general concept of EDCA that only TXOP holder can send frames without going through backoff.  Further, if the AP senses busy when waiting for sending CF-End, AP probably should not send CF-End during busy medium because the medium may be actually used by other BSSs.  Hence, the current scheme is enough to cover the case discussed by the commenter. |

**Discussion:** *None.*