802.11be D0.1 Draft Specification

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| Spec Text for MLO Retransmissions | | | | |
| Date: 2020-08-17 | | | | |
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Abstract

This submission contains spec text to be incorporated in P802.11be D0.1 related to these motions:

**6.5 Multi-link block ack**

The established block ack agreement allows the QoS Data frames of the TID, aggregated within the A-MPDUs, to be exchanged between the two MLDs on any available link.

Note – QoS Data frames that are not fragments might be retransmitted on any available link.

[Motion 61, [21] and [123]]

[Motion 115, #SP85, [10] and [124]]

Revision History:

* Rev 0: Initial version of the document
* Rev 1: Removed the reference to section 10.23.2.12

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

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

**Straw Poll: Do you support to incorporate the proposed draft text in document 11-20/1261r1 to the TGbe Draft 0.1?**

**Result: Yes/No/Abstain**

33. Extremely high throughput (EHT) MAC specification

33.3 Multi-link operation

33.3.4 TID-to-link mapping

**TGbe Editor: *Instruction: Add a new subclause as the following:***

33.3.4.x Multi-link Retransmit procedures

If an MLD has established block ack agreement with another MLD for a TID, and the transmission of a QoS Data frame of the TID in a link is unsuccessful, and if the frame is not a fragment, the MLD may attempt retransmissions of the frame on any link that has the TID mapped to it.