IEEE P802.11
Wireless LANs

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| LB275 CR for Remaining CIDs |
| Date: 2023-10-07 |
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Abstract

This submission proposes resolutions of comments received from TGbe comment collection LB275 based on TGbe D4.0.

19862 19881 19865 19461 19582 (5 CIDs)

Revisions:

* Rev 0: Initial version of the document.
1. **Introduction**

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 TGbe Draft. The introduction and the explanation of the proposed changes are not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbe Draft (i.e. they are instructions to the 802.11be 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 existing 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.***

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| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 19862 | 35.3.24.2 | 578.34 | 802.11be should allowTWT Information frame to control available links of the MLTWT flows. For instance, a STA that has TWT flow operating in links 1 and 2 should be able to temporarily suspend TWT Flow on link2. | Please add rules for TWT Information frame use when a STA has TWT Flow operating on multiple links. Please allow STA to suspend or resume a set of links/ all links by using TWT Information frame. | Rejected-The proposed case is supported by using the MLO Link Info Element. Please refer to 35.3.14 (Multi-link device individually addressed Management frame delivery). Further clarification is not needed. |
| 19881 | 35.3.24.2 | 578.34 | Currently, TWT Information frame cannot operate on an MLD level. A multi-link device (MLD) may want to suspend TWT schedules on multiple links to save power. Same argument for schedule resumption. There should be a way to indicate for which link(s) among the multiple links between the AP MLD and the non-AP MLD the TWT Information frame is intended. | Please provide text to enhance functionality of TWT Information frame to indicate multiple intended links. | Rejected-The proposed case is supported by using the MLO Link Info Element. Please refer to 35.3.14 (Multi-link device individually addressed Management frame delivery). Further clarification is not needed. |
| 19865 | 35.3.10 | 535.02 | the information of reported AP's channel switch is not complete information. In 802.11 baseline specification after the channel switch, a STA can do the frme exchanges with the AP in the switched channel without receiving the Beacon in the switched channel. This (switch the chanel in reported AP's link per reporting AP's annoncement) may violate the regulatory requirement, e.g. using the punctured channel, using the Tx power being not allowed. | fix the issue : mandating the Beacon reception before the frame exchanges in the new channel when the new channel is acquired from another AP's Beacon | Revised-Agree with the comment in principle. Apply the changes marked as #19865 in this document. |
| 19461 | 35.3.12.6 | 545.06 | the ML SM PS scheme is missing | please add the corresponding scheme. | Rejected-The proposed change was discussed in 23/1134r0 and the group can't reach consensus on this part. |
| 19582 | 35.3.16.8.3 | 562.55 | This comment was submitted in LB271, but the comment was not properly discussed and proposed text is suggested. Similar to NSTR STA MLD, EMLSR STA MLD also suffers from lost medium synchronization problem and also applies MediumSyncDelay after returning to EMLSR listening operation. AAR can also be applied to EMLSR operation. In case of non-AP MLD's EMLSR uplink response frame transmission, the current AAR method of NSTR can be applied. In EMLSR non-AP MLD's downlink reception case, QoS Null with AAR control may be transmitted with a response frame, such as the BA frame. | Modify the text as following:If a non-AP STA affiliated with a non-AP MLD with dot11AAROptionImplemented that is equal to true and that belongs to an NSTR link pair or EMLSR link receives a Basic Multi-Link element from its associated AP affiliated with an AP MLD, with the AAR Support subfield equal to 1 and when the other non-AP STA that belongs to the same NSTR link pair needs assistance in transmitting frames on the other link, it shall transmit the AAR Control subfield in a frame that solicits an immediate response or it shall transmit the AAR Control in an immediate response frame aggregated with a QoS Null frame with an ack policy set to No Ack. |  |

**Discussion:** None.

**35.15.3 Channel switching methods for an EHT BSS**

A non-AP MLD with which an associated EHT non-AP STA that has performed channel switching or extended channel switching is affiliated shall follow one of the following before initiating frame exchange with the AP on the new channel.

—The associated EHT non-AP STA receives a Beacon or Probe Response frame sent by the AP on the new channel.

—Any non-AP STA affiliated with the non-AP MLD except that the associated EHT non-AP STA sends a multi-link probe request to its associated AP to solicit information of the AP on the new channel. (#19865)