IEEE P802.11
Wireless LANs

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| LB271 CR for TWT Info Frame |
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Abstract

This submission proposes resolutions of comments received from TGbe comment collection LB271 based on TGbe D3.0.

16201 16998 17847 (4 CIDs)

Revisions:

* Rev 0: Initial version of the document.
* Rev 2: change normative text to a note based on offline discussion and remove an unrelated CID 16200 from this 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** |
| 16201 | 35.3.24.2 | 586.23 | 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. | Revised-Agree with the comment in principle. A note about the use of TWT Information frames in multi-link operation is added. Apply the changes marked as #16201 in this document. |
| 16998 | 35.3.24.2 | 585.16 | "Between an AP MLD and a non-AP MLD associated with the AP MLD, if an individually addressed TWTinformation frame for individual TWT, which is intended for one STA affiliated with the associated MLDwith a setup link, is transmitted to another STA affiliated with the associated MLD with a setup link and anacknowledgement in response to the TWT information frame is received, then the STA" should be "Between an AP MLD and a non-AP MLD associated with the AP MLD, if an individually addressed TWTinformation frame for individual TWT that is intended for one STA affiliated with the associated MLDwith a setup link is transmitted to another STA affiliated with the associated MLD with a setup link and anacknowledgement in response to the TWT information frame is received, the STA" | As it says in the comment. Ditto for paras at line 27 and 39 and 47 | Revised-Agree with the comment in principle. A note about the use of TWT Information frames in multi-link operation is added. Apply the changes marked as #16998 in this document.  |
| 17847 | 35.3.24.2 | 586.23 | 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. | Revised-Agree with the comment in principle. A note about the use of TWT Information frames in multi-link operation is added. Apply the changes marked as #17847 in this document. |

**Discussion:** None.

***TGbe editor: please add the following note after the first paragraph in subclause 35.3.24.2 (Individual TWT agreements) :***

NOTE—When an MLO Link Information element is present in a TWT Information frame sent by a STA affiliated with an MLD, the Next TWT subfield (if present) is in reference to the TSF of the link indicated by the Link ID Bitmap subfield in the MLO Link Information element.