IEEE P802.11  
Wireless LANs

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| CR for TXOP Termination of NSTR MLD | | | | |
| Date: September 1, 2021 | | | | |
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Abstract

This submission proposes resolutions for following CIDs received for TGbe CC36:

4224, 4714, 6855, 7886

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: some editorial change

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. This introduction is 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 802.11 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 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** | **Commenter** | **Page** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 4224 | Alfred Asterjadhi | 275.38 | 35.3.14.3 | only one beacon is expected to be received at or after that TBTT. Please replace Beacon frames with beacon frame scheduled at that TBTT. | As in comment. | Revised-  Agree in principle with the comment.  TGbe editor:  Please implement changes as shown in this document tagged as 4224 |
| 4714 | Chittabrata Ghosh | 275.35 | 35.3.14.3 | A similar rule as in quoted text: "If a STA that is affiliated with a non-AP MLD successfully obtains a TXOP on one link of one of its NSTR link pairs before the TBTT of the other link of the NSTR link pair, then it should end its TXOP before the TBTT of the other link if it intends to receive Beacon frames on the other link." is needed if the obtained TXOP in one link overlaps with the start time of a restricted TWT SP scheduled on other link | Please add specific behavior to satisy the issue pointed out in the comment | Rejected-  The commenter does not point out the reason for applying the same rule to the RTWT case. The situation is different regarding Beacon and RTWT. The Beacon frame is a broadcast frame, and carries important information for the STA. In the RTWT case, if the AP knows that the non-AP MLD is transmitting on one link, it will not schedule for transmission to the non-AP MLD on the other link according to the current rule, and it may choose to transmit to other STAs. |
| 6855 | Rubayet Shafin | 275.38 | 35.3.14.3 | the use of double "it" makes this paragraph confusing. The second "it" is still referring to the first STA. | change the sentece as follows: "...then it shuold end its TXOP before the TBTT of the other link if another STA affiliated with the same non-AP MLD intends to receive Beacon frames on the other link." | Revised-  Agree in principle with the comment. The 2nd “it” is not clear enough, and needs to be changed to “the other STA affiliated with the same non-AP MLD”.  TGbe editor:  Please implement changes as shown in this document tagged as 6855 |
| 7886 | Yongho Seok | 275.35 | 35.3.14.3 | "If a STA that is affiliated with a non-AP MLD successfully obtains a TXOP on one link of one of its NSTR link pairs before the TBTT of the other link of the NSTR link pair, then it should end its TXOP before the TBTT of the other link if it intends to receive Beacon frames on the other link." In addition to TBTT, when a STA is a member of other scheduled service (e.g., TWT), the same rule should be applied. | Please apply the same rule for TWT. | Rejected-  The commenter does not point out the reason for applying the same rule to the TWT case. The situation is different regarding Beacon and TWT. The Beacon frame is a broadcast frame, and carries important information for the STA. In the TWT case, if the AP knows that the non-AP MLD is transmitting on one link, it will not schedule for transmission to the non-AP MLD on the other link according to the current rule, and it may choose to transmit to other STAs. |

***TGbe editor: Please note baselines are REVme D0.1, 11ax-2021 and 11be D1.1***

**35.3.15.3 Nonsimultaneous transmit and receive (NSTR) operation**

***TGbe editor: Please modify the 6th paragraph of this subclause as follows.***

If a STA that is affiliated with a non-AP MLD successfully obtains a TXOP on one link of one of its NSTR  
link pairs before the TBTT of the other link of the NSTR link pair, then it should end its TXOP before the  
TBTT of the other link if the other STA affiliated with the same non-AP MLD (#6855) intends to receive the Beacon frame scheduled at that TBTT (#4224) on that link.

**Straw Poll: Do you support to incorporate the proposed draft text in this document 11-21/1416r1 to the next revision of TGbe Draft?**

**Result: Yes/No/Abstain**