IEEE P802.11
Wireless LANs

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| CR for CIDs related to EMLSR Beacon Transmission and Reception |
| Date: November 03, 2021 |
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 Abstract

This submission proposes resolution for 1 CID received for TGbe CC36:

SP: Do you agree to the resolutions provided in doc 11-21/1706r0 for the following CIDs for inclusion in the latest 11be draft?

6946

**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 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** | **Section** | **Pg.Ln** | **Comment** | **Proposed Change** | **Resolution** |
| 6946 | Saju Palayur | 10.49 | 0.00 | an AP MLD should allow EMLSR to receive management frames (e.g. beacons) transmitted over multi-links. Hence it should not transmit to EMLSR while Beacon is transmitted on the other link. The standard need to provide normative or mechanism to address | add normative that disallow the AP MLD to transmit EMLSR while beacon is transmitted on the other link.Add normative that synchronize the transmission time of beacons in multi-link | **Revised**Agree with the comment. Behavior of AP MLD for the transmission on Beacon and group addressed frames is specified. **TGbe editor: Please implement all changes tagged as 6946 as shown in doc 11-21/1706r0.** |

***TGbe editor: Please note Baseline is 11be D1.******2***

**35.3.16 Enhanced multi-link single radio operation**

***TGbe editor: Please insert the following paragraphs at the end of the subclause***

***…***

* The AP MLD shall initiate a frame exchange sequence with the non-AP MLD on one of the enabled links by transmitting an initial Control frame to the non-AP MLD with the limitations specified above.
* An AP affiliated with the AP MLD should not initiate frame exchanges with a STA that is affiliated with the non-AP MLD on one of the EMLSR links if the frame exchanges are expected to overlap in time with the group addressed MPDUs scheduled in another EMLSR link, and the STA affiliated with the non-AP MLD on that link is expected to be receiving those group addressed MPDUs. (#6946)
* If a STA that is affiliated with the non-AP MLD initiates frame exchanges on one of the EMLSR links before the TBTT(s) on the other EMLSR link(s), then it should end its TXOP before the TBTT(s) on the other EMLSR link(s) if it intends to receive the corresponding Beacon frame(s) on the other EMLSR link. (#6946)

NOTE—The STA might not do so if it is not aware of the TSF of the other link(s). (#6946).